

# African Violet

*The magazine exclusively dedicated to the grower of the African violet*

March • April 1999

Volume 52

Number 2

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# AVSA Business

INFORMATION FOR CONDUCTING BUSINESS WITH YOUR SOCIETY TO ENSURE GOOD SERVICE. IF YOU HAVE MORE THAN ONE ITEM, SEND EACH ITEM TO THE CORRECT PERSON. ALWAYS GIVE YOUR NAME AND ADDRESS.

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Send check payable to AVSA for new or renewable membership to AVSA Office, 2375 North Street, Beaumont, TX 77702; phone 409-839-4725. Individual \$18, USA only; Individual, all other countries - \$20.50; Commercial USA \$30; Commercial International - \$33.75; Life (USA) - \$275. International Life \$325.00. Remit in U.S. Dollars with draft or check on a USA Bank. See Membership Application. Master Card/Visa accepted.

**AFFILIATES:** Chapter - \$20; Council, State or Region - \$20.

**MEMBERSHIP AND PROMOTION:** Send ideas, offers to help, requests for assistance to Anne Tinari, 2325 Valley Rd., Box 190, Huntingdon Valley, PA 19006.

**AFFILIATES:** For information on shows, awards or how to organize a chapter, write Bev Promersberger, 17415 Charter Pines Dr., Monument, CO 80132. E-mail clubs@avsa.org

**SHOW SCHEDULE APPROVER:** Billie Golla, 1146 Opal St. #102, Broomfield, CO 80020.

**AVSA OFFICE:** Jenny Daugeau, Administrative Coordinator, 2375 North Street, Beaumont, TX 77702, 1-800-770-AVSA; 409-839-4725; FAX 409-839-4329. Hours: Monday - Friday, 9:00 a.m. - 5:30 p.m. CST. E-mail avsa@avsa.org

**BEST VARIETIES:** HONOR ROLL COMPILER Floyd Lawson, 1100 W. Huntington Drive, Arcadia, CA 91007.

**BOOSTER FUND:** Send contributions to Bill Lyons, 38 Indian Creek Drive, Levittown, PA 19057.

**BOYCE EDENS RESEARCH FUND:** Send contributions to Marlene Buck, 17611 N. 102nd Dr., Sun City, AZ 85373-1616.

**BUILDING MAINTENANCE FUND:** Send contributions to Helen Blanton, 622 Riverside, St. Charles, MO 63303.

**COMMERCIAL ACTIVITIES:** Kent Stork, 2501 E. 23rd Ave. S., Fremont, NE 68025.

**COMMERCIAL SALES & EXHIBITS:** For information on convention entries or sales room, contact Charles Wells, 948 Fair Oaks Ct., Liberty, MO 64068.

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**CONVENTION PROGRAM:** Send special requests for workshop programs or interesting speakers to Ann Miller, Convention Director, 522 Willow Wisp Circle, Spring, TX 77388. If interested in sponsoring a national convention in your area, contact Convention Director.

**FUTURE CONVENTION DATES:** Houston, TX - April 4-11, 1999, Omaha, NE - June 11-18, 2000.

**CULTURE FOLDERS:** (postpaid): 100 to 400 - \$8.00 per 100; 500 to 900 \$6.00 per 100; 1000 and over - \$4.75 per 100.

**SHORT VERSION OF CULTURE FOLDER:** (postpaid): 1,000 to 4,000 \$27.50 per 1,000; 5,000 to 9,000 - \$25.00 per 1,000; 10,000 and over \$23.50 per 1,000.

**JUDGE'S DUPLICATE CARD:** Send self-addressed stamped envelope to Bill Foster, 3610 Gray Dr., Mesquite, TX 75150.

**JUDGING SCHOOL:** To register a judging school, send request to Elinor Skelton, 3910 Larchwood Rd., Falls Church, VA 22041. A registration fee of \$15 is required.

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**ARTICLES BY MEMBERS AND COLUMNISTS:** Send to Editor.

**COMING EVENTS AND MEMORIALS:** Send to Editor.

**Please Note: Deadlines** - Articles, Columnists and Coming Events: Jan. issue - Oct. 1; Mar. issue - Dec. 1; May issue - Feb. 1; July issue Apr. 1; Sept. issue - June 1; Nov. issue - Aug. 1.

**ADVERTISING MANAGER:** Advertising rates and information: Judith Carter, 19506 Mills Meadow Lane, Houston, TX 77094. AVMads@avsa.org

**ADVERTISING DEADLINES:** Jan./Feb. issue - Nov. 15; Mar./Apr. issue - Jan. 15; May/June issue - Mar. 15; July/Aug. issue - May 15; Sept./Oct. issue - July 15; Nov./Dec. issue - Sept. 15.

**"AND THE WINNERS ARE...":** Send show results to Mary Corondan, 7205 Dillon Ct., Plano, TX 75024.

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**CHANGE OF ADDRESS:** Send new address at least 30 days before it is to take effect, along with old address, to AVSA office in Beaumont.

**QUESTION BOX:** Ralph Robinson, P. O. Box 9, Naples, NY 14512 and Dorothy Kosowsky, 712 Cunningham Dr., Whittier, CA 90601.

## MASTER VARIETY LIST:

**MVL SUPPLEMENTS:** will be published in the AVM. Send any correction and/or description of new cultivars with hybridizer's name to Lynn Lombard, Master Variety List Chairman, 790 Ridgecrest Dr., Colfax, CA 95713.

**MVL COMPUTER DISKETTES:** 1998 MVL - \$12.50. Updates (when available) - \$5.00. For computer compatibility requirements, please write Beaumont office.

**FIRST CLASS MVL DISKETTE:** Windows version - \$12.50. Updates \$5.00.

**MEMBERSHIP CARDS:** Sent to Associate Members and New Members only. Renewing members receive card on white protective cover of AVM.

**OFFICIAL CORRESPONDENCE:** AVSA Secretary, Sue Ramser, 2413 Martin, Wichita Falls, TX 76308.

**PLANT REGISTRATION:** Iris Keating, 149 Loretto Court, Claremont, CA 91711.

**RESEARCH:** Send suggested projects for scientific research or names of interested, qualified potential research personnel to Dr. Charles Cole, P.O. Box 2150, Bryan, TX 77806.

**SHOW ENTRY TAGS:** 100 - \$7.00 postpaid. Order from AVSA Office.

**QUESTIONS ON HYBRIDIZING:** Dr. Jeff Smith, "In Search of New Violets" The Indiana Academy, Ball State University, Muncie, IN 47306.

## NEW UPDATED HANDBOOK FOR AFRICAN VIOLET GROWERS, EXHIBITORS AND JUDGES

1998 Handbook  
\$10.25 (postpaid)

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# African Violet

*The Magazine exclusively dedicated to the growing of beautiful African violets.*

March • April

Volume 52

Number 2

## CONTENTS

### FEATURES

New Entries Program Now Available .....	5
Dear Editor - Carl Helm. ....	9
Announcement from: Violets by Appointment - Bill & Kathryn Paauwe .....	9
Tally Time 1998 - Anna Jean Lundgren .....	16
Making the Most of Your Leaves - Joshua McKinney ..	18
A Follow Up From Russia - Shirley Sanders .....	19
Regional Reviews - Pat Richards .....	20
AVS of Canada Convention .....	31
A Modern Irrigation System at Dave's Violets - David Harris. ....	40
Be Aware! - Lola Rossi. ....	43

Growing African Violets Deep in the Heart of Texas - Ron Davidson .....	44
Soil Mealybugs and Their Close Friends, Thrips and Cyclamen Mites - Pat Hancock .....	46
Ah, Youth! - Barbara Elkin .....	47
Finding New African Violet Lovers - Don Geiss .....	51
Planting by Moon Signs .....	52
Help Us Choose The Very Best - Floyd Lawson .....	53
Avoiding Transplant Shock in Your Variegated Violets - Sue Gardner .....	53
Advertising Guidelines - Judith Carter. ....	55

### DEPARTMENTS

Index of Advertisers .....	2
Officers & Staff .....	2
President's Message - Esther Edwards Wells .....	3
Editor's Notes - Ruth Rumsey .....	4
Office Update - Jenny Daugereau .....	5
For Beginners - Kent & Joyce Stork .....	6
AVSA Commercials - A Closer Look: Sonja's Violets - David Buttram .....	10
Question Box - Dorothy Kosowsky .....	12
Gesneri-Advice - Dale Martens .....	14
Affiliate Update - Bev Promersberger .....	18
Thinking Small - Pat Richards .....	26
Showcase (1) .....	28
In Search of New Violets - Dr. Jeff Smith. ....	30
Showcase (2) .....	32
Vintage Violets - Barbara Elkin .....	34

AVSA's Most Wanted - Barbara Elkin .....	35
Showcase (3) .....	36
"And the Winners Are..." - Mary Corondon .....	38
Boyce Edens Research Fund - Marlene Buck. ....	42
AVSA Building and Maintenance Fund - Helen Blanton .....	42
AVSA Booster Fund - Bill Lyons. ....	42
Coming Events. ....	48
Registration Report - Iris Keating. ....	54

### CONVENTION

Correction Convention Schedule .....	5
Attention Affiliates .....	19
2nd Annual AVSA Convention Auction .....	24

### COVER

**Aggie Trail**  
Best Trailer 1998 AVSA  
National Show  
Exhibited by:  
**Carroll Gealy**  
Hybridized by:  
**L. Ray**  
Miniature Trailer



# INDEX OF ADVERTISERS

## A

Acree Creations . . . . . 63  
A & W Violets . . . . . 58  
AGGS . . . . . 62  
Alannah's African Violets . . . . 56  
American Orchid Society . . . . 62  
AV Enterprises Press . . . . . 58  
AVS of Canada . . . . . 63  
AVSA Address Labels . . . . . 62

## B

Bayou Violets . . . . . 57  
Belisle's Violet House . . . . . 63

## C

Cape Cod Violetry . . . . . 59  
Country Violets Greenhouses . . 58  
Cryptanthus Society . . . . . 63

## D

Desert Violets . . . . . 60  
Dyna Gro. . . . . 63

## E

Evergreen Violets . . . . . 64

## F

Florals of Fredericks . . . . . 58

## G

Gesneriad News . . . . . 57

## H

Hattie Baggett's  
African Violets . . . . . 64  
Herbal Garden Ceramics . . . . 63  
Hobby Greenhouse . . . . . 63

## I

Indoor Gardening Supplies . . . 60

## L

Lyndon Lyon's Greenhouses . . 64

## M

Mighty Minis . . . . . 60

## N

Neptune's Harvest . . . . . 57

## O

Optimara . . . . . 25

## P

Pat's Patch . . . . . 64  
Pat's Pets . . . . . 60  
Prairie Violets . . . . . 62

## R

Rob's  
Mini-o-lets . . Inside Back Cover  
Rozell Rose Nursery & Violet  
Boutique . . . . . 56

## S

Shirley's House of Violets . . . 64  
ShoMe Violets . . . . . 64  
Sonja's AV's . . . . . 60

## T

Tanzania Wildlife Fund . . . . . 62  
Teas Nursery . . . . . 58  
Tinari Greenhouses . . . Back Cover  
Travis' Violets . . . . . 56

## V

Violets by Appointment . . . . 58  
Violet House . . . . . 61  
Violet Showcase . . . . . 57  
Volkmann Bros.  
Greenhouses . . . . . 60

## W

Watch Us Grow . . . . . 57



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Every attempt is made to keep articles technically correct. Since the growing of fine African violets can be achieved in many ways, the methods and opinions expressed by writers are their own and do not necessarily reflect the opinion of AVSA.





# President's Message



Dear AVSA Members:

The annual AVSA Convention is just a few weeks away. This year's convention in Houston should be an exciting week of activities for all AVSA members. With a variety of tours, the second annual AVSA Auction, the Growers Forum, and presentations on a wide range of topics, there should be something of interest for everyone. Get your registration forms in right away and start packing for the "Lone Star Violet Round-Up." Many thanks to Convention Director Ann Miller and her entire Convention Committee for the countless hours they devote to planning this annual event.



The last two years have gone so fast, it's hard to believe that my term as President of AVSA is almost over. We have worked on a large number of projects during the last two years and have made a great deal of progress in many areas. Upgrades in the computer equipment used in the AVSA office and by the Editor should benefit members for several years through betterment of services and improvements in the AVM. The AVSA web site has also been improved, but there is much more work to do. The AVSA Scholarship Program has been established and applications are now being taken for the first AVSA Scholarship. A new Entries Program is now available for computerized processing of show entries, in addition to the First Class windows-MVL software program. Several new research projects are now underway through grants from the Boyce Edens Research Fund and more proposals are expected at the Board meeting in Houston.

I want to express my sincere appreciation to the members of the Executive Committee for their assistance and support during the last two years. We have faced many challenges and have worked well as a team. I also want to thank all of the Directors, the Committee Chairmen and their committee members, the Office Staff, and the Editor for their work on various projects and their constant support of AVSA.

During the last eight years as an officer of AVSA, it has been my privilege to participate in several major AVSA events; the dedication of the AVSA Office Building in Beaumont, the 100th anniversary of the discovery of the African violet, the First Day Issue of the African Violet Stamp by the U.S. Postal Service, and the 50th anniversary convention of AVSA. I want to thank the members of AVSA for the opportunity to participate in these milestone events and for the opportunity to serve as your President these last two years. I look forward to many more milestones for AVSA and wish the new Officers and Directors the best in their work for AVSA.

Sincerely,

*Esther Edwards Wells*

Esther Edwards Wells  
AVSA President

# Editor's Notes



Ruth Rumsey • 2375 North Street • Beaumont, Texas 77702  
(409) 839-4725 • email [rrumsey@earthlink.net](mailto:rrumsey@earthlink.net)

It's almost time for the 1999 AVSA Convention, "Lone Star Violet Round Up", in Houston, TX. Make your reservations and get ready for Houston; this convention offers a lot of excitement, Texas Style!

Don't forget to sign up for the tour coming to the AVSA office in Beaumont. Office Secretaries, **Tammi Gotcher** and **Joanna McCown**, will be ready to meet all of you, as will Jenny and I.

A new contributor to the AVM is **David Harris** of Springfield, MO. Read about a "Modern Irrigation System at Dave's Violets", page 40. This system will be of interest not only to commercial growers, but also to our many members with huge collections of violets at home.

Another contributor we haven't heard much from before is **Ron Davidson** of Red Oak, TX. Ron tells us how he and Janice grow their award-winning violets, "Deep in the Heart of Texas", page 44.

And for more growing information from various locations, read **Pat Richards** Regional Reviews, Part 1, page 20. Our contributors this time come from Florida, Arizona, Oregon, Illinois, and Calgary, Alberta, Canada. Thanks so much, Pat, for putting this together for the AVM. Look for Part 2 in the May '99 issue.

**Anna Jean Landgren** has once again compiled the Tally Time list (page 16). This is a valuable tool for you to use when deciding which African violets to purchase for show plants. The list indicates which varieties received the greatest number of awards in state and local shows during 1998.

If you are responsible for submitting your club's show information to the AVM, PLEASE consult the deadlines on the AVSA Business Page (inside front cover). I try to be as flexible as possible, and know that it's often difficult to pin these dates down, but if you wait to the last minute to send your announcement there really isn't anything I can do to get it in the AVM.

Increasing our membership numbers is important to all of us. I appreciate those of you who have contacted me, or had your local newspaper call the office for PR information. I have slides, AVSA history, and other information available for all publicity opportunities. Please let us know if we can help your club get the word out about African violets.

If you are a Commercial member who has not advertised

with us before, please have a look at our Advertising Guidelines (page 55). Our Advertising Manager, **Judith Carter**, has done a terrific job, and is eager to work with you. Having an ad "camera ready" is not necessary; just let us know what you want to say, and we'll have it designed to your specifications.

I'll soon be sending letters to all of our Board Members and 1999 Nominees with information about the AVSA Sales Table at the Houston convention. Even if you are not a Board Member, please feel free to volunteer to help man the Sales Table. This is a good opportunity to make new friends.

In our Showcase section, you'll see some exquisite slides submitted by **Nelly Levine**, Rocky Mountain AV Council. These were taken at the council's spring show, and it's a pleasure to run them in the AVM. If your club has slides that are of this caliber, please submit them. Make sure that they are of single plants with a clear background, not on a table with other plants behind or beside them. Also make sure there are no name cards or ribbons near the plant, or multi-colored backgrounds.

Occasionally we get calls asking where a grower may purchase a certain plant featured in our Showcase sections. We always refer them to our Commercial Members, particularly those who advertise in this publication. With the name of the hybridizer listed (in most cases), as well as the plant size, you should be able to locate most of them. New introductions may be another problem, but if they are featured in the AVM, they should soon be available for purchase.

As always, your suggestions and ideas for improving the African Violet Magazine are always welcome. Also, don't forget to write that article you've been putting off for so long! We all like to hear about each other's growing experiences.

Happy Growing!



# Office Update



by Jenny Daugereau • AVSA Office Administrative Coordinator

2375 North  
Beaumont, TX 77702  
email avsa@earthlink.net

(409) 839-4725  
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Howdy Y'all!

Are you ready to put on your cowboy hats and boots and become Texans for a week? We can't wait to see you! Make sure you get registered for AVSA's 53rd convention, "The Lone Star Violet Roundup," in Houston, Texas.

The office staff is working hard to get your AVSA home ready to meet its members. Along with **Tammi Gotcher** and our new office secretary, **Joanna McCown**, we are all looking forward to meeting you when you come to Beaumont. **John** and **Judy Carter** from Houston, Texas, have been spending much of their spare time here, painting and cleaning, helping us get ready. What would we do without these two dedicated members? Thanks again, John and Judy!

The tour to Beaumont will be on Tuesday April 6th, so come to Texas early to visit the AVSA home office. The AVS of Beaumont will be hosting the office tour and will welcome you to southeast Texas with a dose of southern hospitality and home-baked Texas treats.

Thanks to all the clubs who have returned their affiliate registration updates. **Bev Promersberger** is working hard to get all the information up on the web site. This information will help us help you to get new members. Check the web site at avsa.org and see if your club is listed. If you have not mailed the form yet, please do so now. Some of our clubs have not yet signed up for affiliate liability insurance. If you plan to have a show or sale you might need this insurance. It is not too late. If you do not have the application, call the office and we will mail you another. At such low cost per member the insurance is well worth it. Get signed up now!

As the year 2000 approaches, I'm sure your main concern with the Y2K bug is whether or not you will be receiving your African Violet Magazine. Never fear! Our new software has solved that problem and publications will go out as usual.

I am looking forward to seeing you at the convention. Y'all come!



## Convention Schedule Correction:

Thursday, April 8, 1999  
Classification and Entries  
9am - 11:30am  
12:30pm - 6pm

## NEW SHOW ENTRIES PROGRAM NOW AVAILABLE!

After successful testing by a number of AVSA Affiliates, the new **Entries Program**, developed for AVSA by Joe Bruns, is now available through the AVSA office for \$25. This program has been upgraded to generate the AVSA and Dixie AVS collection sheets.

Any order of the Entries Program will include the latest version of Joe's popular First Class, for which you will be

able to order upgrades periodically.

When ordering entry cards, be sure to specify that you are ordering those that work with this new system. (A limited number of the older style cards are still available, for those opting to use manual entry).

We encourage all of our clubs to purchase this program to simplify the entries process at their local shows.



**Kent & Joyce Stork**  
2501 East 23rd Ave. S  
Fremont, NE 68025

## WHAT'S MY PROBLEM?

Diagnosing the cause of an African violet problem is challenging, especially for beginning growers who haven't experienced a variety of dilemmas yet. It can be a miserable experience for advanced growers, who think they have seen just about everything. There probably isn't anything more frustrating than seeing plants changing for the worse, and not being able to figure out what to do to solve the problem!

### Think Logically

Basically, any problem comes down to one of four choices: pests, fungus, virus, or cultural imperfection. The first three present fairly clear symptoms. The last is a catch-all for every growing mistake that can be made. Unfortunately, the most likely cause of the down-hill violet is improper culture or Grower's Blunders.

### Where To Look

With any diagnosis, it is important to know what needs to be examined to determine the cause. There are basically three parts of violets to inspect: the flowers, the leaves, and the roots.

Obviously, you begin looking where you first see a problem. But don't forget to look at the other parts too, especially the roots! So many problems begin with an "insult" to the root structure, which reveals itself in the foliage or blossoms.

### There's Something Wrong With My Flowers!

Thinking logically, look first for signs of pests. Thrips are most likely to cause flowers to fade quickly and will leave

tell-tale signs of spilled pollen from feeding. These are small but visible as they move in and out of the pollen sac. Cyclamen mites may be to blame if flowers are showing abnormal streaks of deeper color, fading quickly, and both flowers and stems have an abnormal or twisted form. Since mites cannot be seen, one must also examine the center of the plant. If the crown is stunted and graying, you should probably treat for mites. Are flowers disappearing during the night? You have roaches or some other invader that is physically eating them. If these aren't the symptoms you are seeing... it probably isn't bugs.

Following the logical pattern, look for signs of fungus. There are only a few signs of fungus that show up on flowers. The most common is powdery mildew which shows up as a white powder across the flowers. Also possible is blossom botrytis blight which is inside the flower. It causes the flower color to look washed out and gray, and will also cause the center of your violet to become stunted. Another form of botrytis will cause gray mold on the flowers. This is most commonly seen when blooming violets are shipped. If any of these are present, you should use appropriate treatments, but you must also change the growing environment to discourage the growth of fungus by lowering humidity, maintaining even temperatures, and keeping air circulating. If you don't see these symptoms...it probably isn't fungus.

Next, consider the possibility of a virus. This is generally improbable because viruses occur so rarely in plants. Plant viruses are spread by direct contact with diseased tissue or by tools that have been contaminated from that contact. They



are not airborne like cold or flu viruses in people. Those viruses which have been recognized in violets cause tiny flowers if the plants even bloom at all. This will be accompanied by a series of symptoms in the foliage at the same time, including mottled green and white leaf color and a stunted center crown (see below for more details). Since viral diseases are comparatively rare, let's move on.

Finally we must look for cultural imperfections that could cause blossoms to look "wrong". Put more simply, are you committing a Grower's Blunder? There are lots of possibilities!

Let's start with "lack of blossom". Is the humidity low? Buds can dry out before the flowers ever appear! Are your violets getting too dry in between waterings? Same thing! Tiny buds abort in dry conditions. Are you giving your plants enough light? If violet leaves are stretching upward, rather than laying flat, they probably want more light. Are you fertilizing? Violets need a regular dose of fertilizer (following directions) and seem to bloom better when that fertilizer is a bit heavy to phosphorous (the middle number). Is your pot diameter too big? Pots should be one-third the overall size of the leaves. Violets bloom best when roots are filling the pot (often called potbound). Do you have good healthy roots? Good roots lead to good blooming. Have you repotted in the last year? Fresh soil and root stimulation can promote blooming as well. Is there any chance of a gas leak? Violets exposed to minute amounts of unburned gas fumes will stop blooming and will often show signs of stunting. Are you expecting too much? Some varieties only bloom infrequently or sparsely. Most will only keep a few buds stems in bloom at a time unless they have been grown for show.

Another complaint might be that flowers are smaller than they used to be or don't last long. Were your violets subjected to warm temperatures (over 75 degrees Fahrenheit)? Is humidity too low? Are you forgetting to fertilize? Is there a draft of dry air moving across the plants? All of these can cause flowers to become small.

Once pests and disease are eliminated as a cause, growers can concentrate on the problems in the growing environment and improve the bloom habit!

### **There's Something Wrong With My Leaves!**

Begin logically again. First look for evidence of pests. If you see stunting of the center crown with the symptoms described above for cyclamen mite, you should treat for mites. Broad mites are also very difficult to see as they feed on the older leaves, but they will cause leaves to curl downward and to yellow. Advanced broad mite damage results in cracked and ragged leaf edges. There are a variety of pests which might be seen moving across the foliage, leaving chewed edges or streaks on leaves where feeding has occurred. You need to identify and treat for that insect (there are several possibilities including foliar thrips, roaches, and

caterpillars). If you see webbing, either in long fibers (possibly red spider) or small cottony masses (egg sacs of foliar Mealybugs) you need to treat. If you see yellowing or wilting leaves, you need to examine the roots for soil mealybugs. If you cannot find pests or symptoms matching these, then you should probably look elsewhere to solve your problem.

Next, consider if a fungus could be the trouble. White powder on the leaves would indicate powdery mildew. Wilting leaves could indicate a type of crown rot. Examine roots and especially the main stem and look for signs of rotting or deterioration. Softened brownish patches or mushy holes may be caused by bacteria often after the leaf has suffered some other sort of insult. Gray mold would indicate botrytis is present. There are several other more remote fungi groups which occasionally attack violets, and most will exhibit some form of spore production which looks fuzzy or crusty. If you identify a fungus, you must treat for it, but you must also improve the growing area so that fungus is not encouraged to grow and multiply! If there is no rotting tissue, powder or moldy fuzz present, it probably isn't a fungus.

Consideration number three: Is it a virus? Are you seeing crinkling, deformed, and/or thickened leaves? Are you seeing mottling of white or light green on leaves that are not variegated? Is this mottling very erratic in pattern? Is there stunting of the crown accompanied by brittle or deformed leaves? Are there hairless patches on the surface of leaves? Is this occurring in plants that are near one another (more likely to be fungus) or sporadically here and there (typical of viral diseases)? If you have these symptoms, plants must be destroyed and the room must be sanitized. At the very least, suspicious plants must be isolated along with sanitation methods. If you aren't seeing these symptoms...it is unlikely that you have a virus.

Almost all other leaf problems result from the growing conditions. Again there are many possible Grower's Blunders to explain problems in leaves.

Leaves that are wilting or fading sooner than average can be caused by under-watering. It can also be the result of fertilizer damage to the roots, watering with softened water (which has salt in it), or by temperature extremes.

Leaves can become spotted as a result of watering with too cold or too hot water (often appears as small yellowed rings) or because droplets of water were left on foliage after watering. These droplets can also occur as the result of condensation settling on the leaves if the air temperature were to drop suddenly. When light shines on a droplet, a spot will form. Leaves could also be spotted because of dirt or spray residue, in which case the spots may be removed with tepid water. Be sure to blot leaves dry before putting them back in light!

How about if your violet's leaves are very tight in the center? This can occur because of too much light. If you are growing under fluorescent lights, you may have the plant

too close to the light or be running the lights too long each day. It can also occur because of over-fertilizing, in which case there will often be an orange-colored crust present in the very crown. It can result from disbudding, if you are growing the plant to exhibit in a show. Violets usually grow out of this on their own. It can also develop when violets are being grown in relatively cool conditions below 70 degrees Fahrenheit. One last possibility is the presence of unburned gas fumes.

Perhaps you are seeing leaves that are reaching up or you have quite long stems (petioles) on leaves. This is usually caused by inadequate light, but can also result when the temperatures are consistently warmer than 75 degrees Fahrenheit.

Possibly your leaves are pale green or yellowed instead of deep green. In this case it is reasonably the result of too much light— either too long exposure or too intense. It can also result from a lack of fertilizer. If you are applying fertilizer and still have the problem, check to be sure the fertilizer is well-balanced for African violets. If it is, you may have a pH problem that is making it difficult for your plants to absorb nutrients.

Leaves that are curling under or upward can be another concern. This is most commonly the result of cool growing conditions or of wide temperature swings during the day and night. Some nutrient deficiencies are also linked to this condition, so check fertilizer to be sure it contains trace elements needed for good growth.

What about brown edges on leaves? This is most commonly the result of fertilizer excesses, especially if your plants tend to dry out between watering. The salts in the fertilizer will damage cells whenever the cells lose moisture. This can also occur in very dry air where leaf edges are most exposed to the dry conditions. Bumps, nicks, and other injuries to the leaf will also leave a brown edge but this is normally fairly distinctive in appearance.

A few leaf changes can be the result of natural mutations or sporting. Occasionally a leaf will develop some variegation. This is not to be feared as a virus if the plant continues to grow and thrive. You may also notice that the leaf-underside of some varieties will show irregular red patches, sometimes. If the flowers are bi-color, this patching may indicate that the flowers are mutating to a solid color. If so, you would only want to propagate leaves that do not have the patches of color. Some varieties are prone to this behavior without any other problems, in which case it can be ignored.

### **Something's Wrong With My Roots!**

Almost everybody notices that something is going wrong above the soil level before they notice what is happening below in the root zone. Many violet problems start down in the soil where they aren't detected until plants

have sustained damage. Once you discover that the roots are not white and abundant, there are a number of causes to consider.

Using our logic, begin by looking for pests. There is one primary pest to look for, and that is soil mealybug. This insect has six legs, is about the size of small grains of rice, and gray-white. It lays eggs in the soil in web sacs and feeds on roots. By the time you notice wilting leaves above, there is likely to be a massive population down below. Wise growers look for them on a routine basis and treat as needed, since they are unfortunately rather common. You might also notice insects moving around on the top of the soil. These are likely to be the larvae of fungus gnats or black flies. Normally they won't destroy roots, but it is wise to treat for them. The fast-moving bugs that are found down under the pot in saucers and reservoirs are springtails which do very little damage to violets. One last pest, nematodes, is rarely seen now that growers are using soilless potting mixes rather than dirt. This worm feeds inside of roots causing a knob-like bulge in the root and listless growth of foliage. If you should see knobs or galls on roots, especially if you are using dirt in your mix, dispose of the plants and change your soil mix.

Fungus can thrive in the moist conditions of the rootball. Some of the fungus in soil is working beneficially by breaking down nutrients into a usable form for plants. This is occasionally visible on the soil surface as a white billowy mold. If it bothers you, water into the top of the soil and it will disappear for the time being. Far more dangerous are the water molds that bring about crown rot. These fungi attack the root system and the main stem. The rotten odor in the soil is a sure sign. The main stem may become brown and mushy on the outside, brown and dry on the inside (a hollow or brown core that can be seen when sections are cut away), or may dry up, depending on which fungus is present. Spores are frequently present but will not become deadly unless there is an overabundance of water. Plants left standing with the roots in water, and plants grown in heavy wet soil mixes are very vulnerable to this fungus. Often, affected plants must be destroyed. It is very important to improve the growing conditions to slow this infection.

Most other root problems are caused by Grower's Blunders. Roots deteriorate when the soil is too heavy, lacking air spaces for roots to grow into. Too much water creates a similar situation. Some pots are poorly designed and do not allow air to flow under the pot. Adding air to the soil will greatly improve the health and vigor of the roots! Temperature fluctuations around the roots of more than ten degrees Fahrenheit (caused either by air temperature changes or applied water) can cause roots to die. Fertilizer salts can accumulate in the soil and damage roots. This can be remedied by leaching the soil with copious amounts of clear water.

### It's Often Grower's Blunders

Pests and disease can cause our violets to suffer, but in many cases, the grower is the one to blame! When we blunder and our horticultural perfection is quite a bit less than perfect, our violets can develop some mystifying symptoms.

To be fair, it can be very hard to achieve perfection! For example: the solution for getting more flowers may be to increase humidity, but the solution to curb fungus disease is to decrease humidity. Another example: we recommend that you grow under fluorescent lights and maintain even temperatures for optimum growth. However, when you grow under fluorescent lights, they raise the temperature during the hours that they are on and allow temperatures

to drop when they are off. A third example: fertilizer formulations and water supplies can change subtly without warning, altering the chemistry of our growing. And finally there are all the changes in weather and our personal lives that keep pitching us off balance.

The worst solution is to get out our spray bottles of chemicals and treat for something that isn't there. Pests and fungi behave in fairly predictable ways. If you think logically, you should be able to tell when to spray, when to throw, and when to take a hard look at the growing environment. There's no need to panic.

Eliminate the possibility of pests; eliminate the possibility of diseases; review the basics of growing. We bet you'll get the problem solved!

**Dear Editor,** I would like to tell you about my experience with soil mealybugs and how two of your advertisers helped me out!

I am 92 1/2 years old and have been raising violets for 25 years. I am one of the three people who started the Wedgewood AV Club. Our club had 25 members, all men.

I started again from scratch after moving to Florida, and have used my church as an outlet for my plants. I have a 2 shelf cart in Friendship Hall at Trinity Lutheran Church and sell my plants for \$4 each. All the money I raise goes to the Tree of Life Day Care Center.

In the summer of 1997 I had an invasion of soil mealybugs! I worked six months to get rid of them and ended up sending every one of them into the trash, along with my plants!

I went to work on my stand with Clorox® water, cleaning my trays, blankets, lights, walls, curtains - everything!

I didn't try to raise any plants for 4 months, then I ordered 38 leaves from Shirley's House of Violets in San Antonio, TX, and told them I was 92 years old. When I received my leaves from Shirley, they were packed beautifully, and instead of 38, there were 76 leaves! There was also a note from Shirley saying that she hopes when she's my age she's still ordering plants!

I also had ordered 10 plants from Rob's Mini-o-lets, Naples, NY, and of course, told him how old I was, too. I soon received a package from Rob, packed just as beautifully, and instead of 10 plants, I counted 22! No note, but I am sure they thought that at my age, I needed a few extra! Every single plant from Rob's grew beautifully, and of the 76 leaves I had, only a few did not take.

Once again, I am bringing plants to the church and these are even more lovely than the old ones!

So, thanks so much, Shirley Sanders and Ralph Robinson!

Carl Helm - Bradenton, FL

## Announcement from: Violets by Appointment

Bill & Kathryn Paauwe • Sayville, NY

The time is approaching when many people are eagerly expecting the release of our annual list.

As this was intended in the beginning to be a retirement project, after 12 years of moderate success, we have finally decided to slow down our hectic pace. Therefore, instead of producing a catalogue, we will be offering "Our Choice" assortments of leaves (with suggestions) for the next couple of years. We will continue to carry most of the new Lyons, Kent's, and Rebel's varieties. Please watch our ads in this magazine for the "Our Choice" prices.

In the past, we have maintained a full-sized plant of all of the 800+ varieties that we have offered. With this new plan, we will be able to have some (about half) of our varieties in the

propagation phase.

Our family members have been willing to come in to water our plants, allowing us to go to conventions and to make brief visits to Georgia (that's where the grandchildren are!), but we don't think it's fair to ask them to maintain our plants while we go out and play. None of our neighbors have expressed an interest in watering our houseplants, either!

For those of you who have enjoyed using our soil mix, we will continue to offer it as in the past.

Questions? Please use our email address to ensure a prompt reply <violetsbyappointment@juno.com>

Thank you for all your kind and faithful patronage over the years!

# AVSA Commercials



## A Closer Look



David Buttram  
P.O. Box 193  
Independence, MO 64501

**SONJA'S  
VIOLETS**

My home in Independence, Missouri is located equidistantly from two Omahas. About two hundred miles to the northwest is the larger, better known, Omaha, Nebraska, site of next year's AVSA national convention. Some two hundred miles to the southeast is tiny Omaha, Arkansas, home of Sonja's Violets.

After a couple of missed turns and a telephone call (I hate asking for directions), my wife and I arrived at the home of Sonja Holm, located in the hardwood forests of the Ozark mountains of northern Arkansas.

From a geological viewpoint, the Ozark mountains are some of the oldest in the world, and extend from eastern Illinois westward through southern Missouri and northern Arkansas into eastern Oklahoma. The dense timber and a curving, hilly dirt road leading to her home belied the fact that we were only twenty-one miles from Branson, Missouri, one of the top entertainment centers in the nation.

Sonja warmly greeted us at her front door on that cold, rainy January morning. Once inside, the warmth and aroma from two wood-burning stoves made us feel comfortable immediately and we began the interview.

Originally from the Turlock, California area, Sonja moved to a twenty-acre farm in Arkansas twenty-two years ago. Seven years later she built her home, actually doing most of the design and work herself. Native timber was used in some of the construction. As I entered her home and glanced around, I noticed that, like most grandmothers, Sonja proudly displays pictures of her five grown



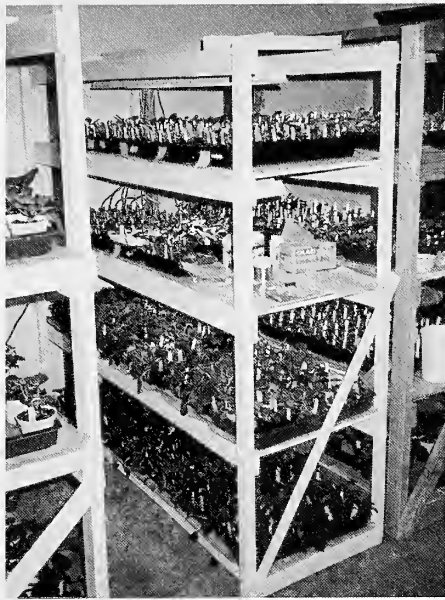
*Sonja Holms (l) shows Beth Buttram  
a sport of 'Ness' Coral Dreams'.*

children and their spouses, twelve grandchildren and six great-grandchildren. Also, on the walls are several beautiful oil paintings Sonja has created over the years.

Beth and I were impressed with the neat, orderly house that was absolutely immaculate. The beige carpet in the plant room was spotless, which is quite a feat when growing hundreds of African violets!

Sonja's incursion into the world of African violets began when family members gave her some plants a few years ago. The idea of selling plants and leaves came about





*Sonja's orderly plant room is home to several hundred African violets.*

in 1991, when Sonja began looking for a way to supplement her income.

With the experience of building her house, designing and building growing benches was a snap. The sturdy benches are well constructed, testifying to this grower's "can-do" ability. Four-foot fluorescent fixtures using cool white tubes light the starter leaves and plants.

When we were there in January, Sonja was working on her 1999 list, which will feature many new varieties and several older favorites. At the end of this shipping season Sonja plans to cut her list back by one-half to allow her more time to paint, write and study, and do yard work. The 1999 list will offer Dyna-Gro and Neptune's Harvest because of Sonja's excellent results with them. Look for Sonja's ad in this magazine for information on ordering her list.

A combination of wicking and matting is used by this grower. Wicking works well on all 4" pots and capillary

matting has proven very successful for the smaller plants.

When asked about her favorite hybridizer, she smiled and said, "I like them all. I especially like the plants with large blossoms." Sonja's stock of about 550 varieties contains a balance of today's best hybridizers.



*Sonja displays one of her oil paintings in front of the growing benches she designed and built.*

Sonja starts her leaves in a mixture of peat moss, vermiculite and perlite. She was not definite on the proportions used, but did indicate that she used enough peat moss to "give body" to the mix. Using this soilless mix, watering with the fertilizer, Sturdy, and fish emulsion gives the plants the nutrition they need.

To control any potential insect problems, Sonja likes to use a 32 oz. spray bottle filled with water to which 1/2 teaspoon of Ivory dishwashing liquid has been added. This spray is safe for humans and plants, and is effective against insects.

I wondered how practical it is to conduct a mail order business (walk-in customers are also welcome) in such a remote area. No problem, for United Parcel Service and the U.S. Postal Service pick up and deliver to Sonja's door daily. Sonja also invites friends to her annual open house.

The ancient Ozarks offer scenic vistas, sparkling clear streams, spectacular caves and rock formations. A closer look reveals gullies, dense forest and a lonely isolation from neighbors. It can be inhospitable and difficult to live there, but call it moxie, pluck, mettle or chutzpa, there are those individuals who have what it takes to tame the wilderness. Sonja Holm is one of those people: an artist, researcher and writer, songwriter, poet, and gardener, a true Renaissance woman.



*Starter plants grown for sale.*

# Question Box



Ralph Robinson  
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In order to make this column more easily accessible to new growers and anyone that has a "New to them," problem, I'm including my e-mail address: dot3joe@earthlink.net Please include as much information about the problem as possible to facilitate an evaluation of the trouble. A number of questions have been sent to me that deal with salt content in the water and it's effect on African violets. While I would like to offer assistance, this particular subject is so complex that it should be dealt with by experts. Even when a cure is available, I fear the cost of any remedy would be prohibitive. Desalinization plants have been under consideration for many years in areas with salt problems, however the plants in operation are only somewhat successful due to cost effectiveness. If there is an expert willing to offer some suggestions or advice I would appreciate hearing from you. I know there are many groups that would be most appreciative of any information as to the toxic limits for African violets, as well as suggestions in dealing with high salt contents that cause growing problems but are less than lethal.

**QUESTION:** *I grow in self-watering ceramic pots which I make. I seem to have a dark colored mite that I cannot get rid of that I never see on the plants, however I see them scooting across the water of my reservoirs and also on the outside of the pots. I spray every 7 to 10 days with Schultz insect spray.*

**ANSWER:** You are describing springtails which under different growing conditions (not using an ornamental pot) would be fairly easily dealt with since they are only interested in the decayed matter in your soil. Springtails do little damage, if any, but thrive in the same conditions as African violets. Your problem stems from the decorative pots being made unsightly by their presence. You might try keeping a coating of soapy water on the outer pot as the springtails are supposed to dislike this product. Another thing that may

help is spraying the surfaces (but not those that affect any of the growing mediums such as water or soil) of your self watering pots with Insecticidal Soap before planting.

**QUESTION:** *I live in Hong Kong and thought when the weather became cool, around 68 degrees, my African violets would grow well. Instead they have almost all died of root or crown rot. Even the leaves I removed to start new plants turned brown and died in a day or two. I do not over water and use distilled water for starting leaves.*

**ANSWER:** I do not have enough information to make anything but a generalized guess as to the problem. Over watering is only one factor in root rot or crown rot. It sounds like you have a soil that is very water retentive. Unfortunately you do not say what type of soil mix was used or what style of growing (wick, top watering, or Texas style) was being employed. All of these subjects would have a bearing on what took place. The fact that your whole collection was lost, except for three and those are not producing new leaves in the center, makes me think you have some major problem in the soil, growing style or general care. The leaves you put down from those plants were, in all probability, infected with the pathogen which destroyed the plants and their chance for producing plantlets was extremely unlikely. Since you take the AVM look for all these subjects: soil mix, growing style, fertilizing, watering and growing under lights, and see if you can spot the area in which your growing program differs from the articles. It would be very helpful to see what you are doing but since this isn't possible this is the next best thing.

**QUESTION:** *How do you know when to repot?*

**ANSWER:** With so many categories of plant size it is hard to generalize so that one formula fits all. Starting with standard size plants, young plantlets are potted as soon as

the foliage is three times the size of the solo cup (My pot of choice for standards when I divide from the mother leaf). If this is a large leafed plant and the growth is quite rapid I would then repot into a 4" (or 3 1/2" pot if only medium sized) as I'm interested in bringing the plant to maturity quickly. When the plant is once again three times the size of the pot, the large standard goes into a 6" pot and medium size plants into a 5" pot. These steps might only take three months or it might be as long as six months, depending on the growth tendencies of the particular variety. Standards are then repotted every six months, remaining in a 6" pot.

With miniature and semiminatures, I transplant them into 2" pots at the time of division from the mother leaf. Miniatures are almost always transplanted into another 2" or 2 1/8" pot at each repotting. Semiminatures might end up in a 2 1/2" pot if they seem to grow best in that size but most are grown in 2 1/8" or 2 1/4" pots. The pot size is a bit of trial and error, but also determined by discussions with other growers as to their experience with a particular variety. Miniature and semiminatures are repotted every four months if at all possible. All plants are repotted 6 months before a show in which I intend to exhibit.

**QUESTION:** *I have an infestation of mealybugs on my African violets and don't know what to do except daub them with alcohol. When I daub the fuzzy ones with alcohol there is a hard brown scaly substance underneath. What is a mealybug? Is it the brown scaly substance or the white fuzzy one? I have a cat that occasionally chews on the plants so I need a spray that would not be harmful to humans or animals.*

**ANSWER:** From the description of the insects (you seem to have two) they sound like foliar mealybug and scale. (My mealybug reference book is over 500 pages) First - do check and be sure there is not a plant nearby (even outside a window) such as a fern, epiphyllum, cymbidium or like plant that has an infestation of scale. Do you grow some of the plants that mealybugs favor such as begonias or *Streptocarpus*? If so, check them carefully. It's a little unusual to have either of these insect infestations on African violets. Your cat might have brought scale in on it's coat, but

I would think it was more likely the mealybugs were the hitchhikers. However it could be that both of these insects arrived in this manner. Scale are only able to move during the juvenile stage while mealybugs can move around, but very slowly. The brown shell is the home of the adult scale and in order to get rid of this pest you will need to actually remove all of the scales and then spray with an Insecticidal soap. This could be quite a task. As the juveniles missed by the spray become adults you would need to deal with a new batch and I'm not at all sure it would be worthwhile. To deal with foliar mealybug you will need to set up a vigorous removal program, every 6 or 7 days for at least a couple of months. Be sure you are getting all of the egg sacks that look like cotton in the leaf axils. Having fought this nasty insect on begonias and *Streptocarpus*, I will warn you in advance that they will make a last ditch stand against you. Do check your roots to be sure you do not have an invasion of soil mealybugs as I've seen an infestation that was bad enough to have the soil mealybugs migrate to the crown. It is very difficult to deal with most insects when you do not wish to use the stronger insecticides.

**QUESTION:** *I have a small African violet on my desk at work. The main light source comes from the overhead lights and the desk lamp. It seems to be happy there, blooming several times a year. Is this unusual? Should I use a different ratio of fertilizer than 1/8 tsp. per gallon of water?*

**ANSWER:** A number of people I know grow their African violets at work where they can enjoy them a greater part of the time considering this is where they spend most of their day. All of the smaller types, miniatures, semiminatures, including both small size trailers, lend themselves to this growing environment and some make it to a show and are winners as well. Since most desks are limiting as to area, the ratio of 1/8 to a gallon should work well as the plant is very likely receiving its share of carbon dioxide when you breathe and thereby gets a nice even fertilizing on a regular basis in addition to what you feed when you water.

*Named of columnist replying is in bold print.*

# 1-800-770-AVSA



**Dale Martens**  
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My hybridizing goal is to produce a small, variegated leaf, honey or banana smelling, double, yellow-blossomed *Streptocarpus*. I have the means, but it may take a lifetime of hybridizing. First, though, let's discuss the *Streptocarpus*.

*Streptocarpus* culture will vary depending on where they are grown. They are old world gesneriads from Africa. In milder climates they can be grown outdoors in dappled sunshine, but need to be protected from extreme heat. I've seen wonderful use of them as year-round bedding plants.

Most of us grow them indoors under tube light or in bright windows. Generally they like a soilless mix that is not too wet since their centers can rot easily, damaging newly forming leaves. If you insist on wick watering, the mix must be very light. Many growers have problems with yellowing leaves. I alternate a 30-10-10 orchid fertilizer, without urea, with other non-urea fertilizers with lots of trace minerals such as Dyna-Gro. I use anywhere from 1/8 to 1/4 teaspoon per gallon. If the pH of your mix is neutral or slightly acid, then your leaves should be a healthy green color. Repot very carefully having the center leaves slightly above the soil line to prevent rotting. Cut off those old leaves after they've finished blooming, which is after the production of about six bloom stalks.

Leave about 1" of stem to allow the plant to produce a new leaf from that base.

Streps can be plagued by powdery mildew if circulation in your room is less than ideal or in the fall when the night time temperatures drop significantly. Some spray Lysol just so the mist delicately falls down on the leaves. Phyton 27 is an excellent product if you have a nasty infection of mildew.

Consult the commercial growers selling this product

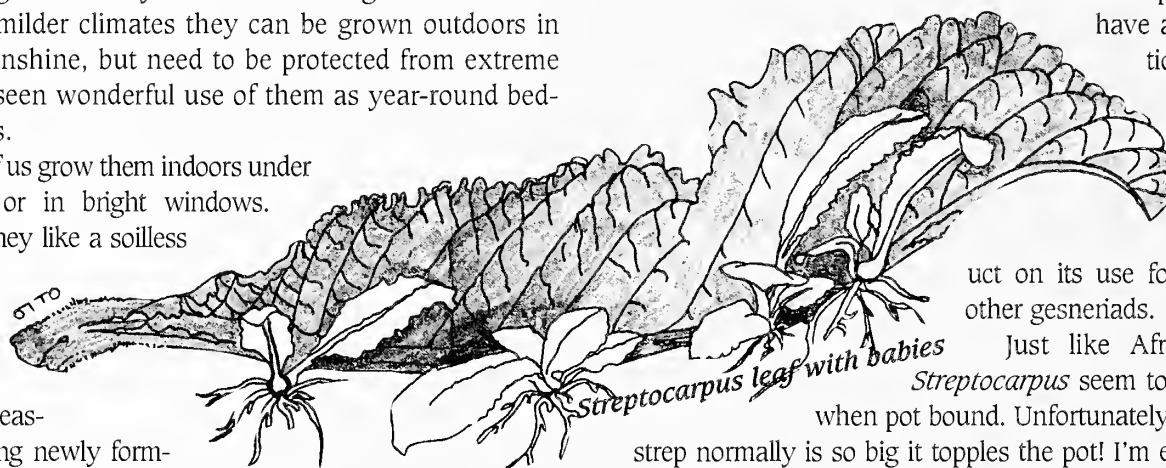
on its use for violets and other gesneriads.

Just like African violets, *Streptocarpus* seem to bloom better when pot bound. Unfortunately, a pot-bound strep normally is so big it topples the pot! I'm experimenting using pan pots, since those aren't easily tipped over.

Yes, there are a few variegated streps, particularly in Great Britain, but not commercially available. I have one, but it's not vigorous and hasn't bloomed. In my experience, babies propagated from variegated leaves are plain green.

## Unifoliate

Most unifoliate species have a single leaf. If you are lucky to see one in a show in full bloom, the plant may be well over 2 years old. Some unifoliate have fragrant blossoms. These include *Streptocarpus vandeleurii*





(smoky smell), *S. eylesii* (bananas), *S. candidus* (honey). There's a project in the Gesneriad Hybridizers Association to propagate fragrant streps due to the generosity of John Boggan of the Smithsonian Greenhouses. He offered to distribute fresh pollen from his heavily blooming *S. van-deleurii*. I'm participating in that project.

In the wild, strep leaves grow from the base and in the fall the distant end dies back until a distinct line forms which is called an "abscission line." That distant end dries up and falls off. Sometimes this happens during a severe drought. It's a way for the plant to stay alive by sacrificing perhaps half its leaf. Flowering in some species is seasonal.

### **Caulescent/stemmed**

These are known as *Streptocarpella*, a subgenus of *Streptocarpus*. Producing many branches, streptocarpellas form a wonderful hanging basket and bloom heavily in cooler temperatures in the spring and fall. There are studies hinting a close relationship of this subgenus to *Saintpaulia* with some hybridizers trying to cross the two. Cutting tips will make streptocarpellas bushier. Those tips easily root in a light mix.

### **Plurifoliate**

Most *Streptocarpus* plants are plurifoliate - displaying many leaves. Some have a rosette form like African violets. The theory is that the smaller the blossom, the more flowers you'll have per stem. So a large-blossomed plant won't have as many flowers, but it'll still look spectacular!

### **Show Time**

Yes, it's perfectly okay to trim the edges of strep leaves. Try to match the natural edge of the other leaves and don't cut straight across. You don't want it to look obvious that you trimmed your plant! (Shhh, secret: to prevent browning of those cut edges, I snap off a violet leaf and squeeze the stem juice onto the strep's new edge!)

### **Propagation by Leaf**

In the drawing on the previous page, Norah Otto has illustrated a strep leaf with babies. I cut the leaf longitudinally and remove the mid-rib. I plant each of the half-leaves, cut side down, half way to the top of that half leaf in a moist 50/50 perlite and vermiculite mix. Keep it in 100% humidity until you remove the babies. A baby will grow from each vein if you are lucky.

It's quite easy to remove that baby. It easily peels away, roots and all, from the mother. It's a good idea to plant that baby in 100% humidity in that same moist 50/50 perlite and vermiculite mix until the babies are about 2" tall. Feed continuously a fertilizer without urea at the rate of 1/8 teaspoon per gallon. Gently harden the babies to a normal room's environment after about a month. Pot each baby in its own 2 1/4" pot.

### **Propagation by Seed**

Hybridizing streps is very easy. Remove the stamen entirely before the blossom opens by slicing the unopened blossom horizontally with a razor in order to see the stamen. A stamen is the pollen-bearing organ comprised of slender stalks that terminate in anthers or pollen sacs. Use a tiny pair of scissors to cut the stamen. The flower will continue to bloom, but of course, will be split. You don't have to do all of this if you want to chance the blossom self-fertilizing. As the blossom matures, the female organ, the pistil, begins to elongate until it is quite visible in the center of the blossom. It's best to wait until the flower is fading to fertilize the plant. When the flower is fading the pistil is most mature. On the end of the pistil is a stigma. Upon close inspection you can see the stigma has a tiny opening. That's where the pollen is placed. Find the pollen sacs on another *Streptocarpus*. Either use a tiny artist's brush or use your finger and remove pollen by separating the pollen sacs which are closed against each other. Pack the pollen on that stigma, but not so hard as to break it!

The reason for the name *Streptocarpus* is because the fruit or seed pod (carpus=fruit) is twisted (streptos). After the flower is fertilized, the twisted seed pod grows longer and longer, and will be green. When it is ripe, it turns brown and begins to untwist, spilling the seed. Pollination to ripe seed takes between 8 and 12 weeks. Plant the seed on top of a moist 50/50 vermiculite and perlite mix in 100% humidity. After 3 weeks they will begin to sprout.

### **Genetics**

I'm in contact with several *Streptocarpus* hybridizers all over the world, primarily in Japan, New Zealand, South Africa, Canada, and Great Britain. The main hybridizers in the United States include Jonathan Ford, Sidney Sorano (Lyons Greenhouses), Michael Kartuz, Marcia Belisle (Belisle's Violet House), Ralph Robinson (Rob's Mini-o-lets) and me. Be sure to look at the commercial advertisers in the back of this magazine to see who supplies other gesneriads.

The following are my observations from years of hybridizing: Purple is a dominant color, so don't use it as a seed or pollen parent unless you want purple. Doubles are mostly dominant, but doubles don't have pollen. In doubles and semidoubles the stamen has become extra petals, hence no pollen sacs. A double can only be the seed parent. Crossing small to normal size will usually, unfortunately, result in normal to large size plants. Rosette forms appear to be dominant. Crossing with a seasonal blooming species can result in seasonal blooming plants. A yellow throat isn't a dominant characteristic. I don't know the dominance of fantasy, variegation, or fragrance....yet!

I believe *Streptocarpus* hybridizing is in its infancy right now, just like African violets were back in the 50's!

# Tally Time 1998

Mrs. Anna Jean Landgren  
2450 Iroquois Road  
Wilmette, Illinois 60091

Tally Time is a summary of the varieties receiving the greatest number of total awards from the state and local shows during 1998. This year it is based on 102 reports.

Show chairs, please note, the names of winning 1999 varieties should be reported on the "Tally Time Report" form included in your Standard Show Award packet. Please send the forms to Anna Jean Landgren at the above address. They must reach me by November 20th to be counted. I must send my completed report to the AVM by December 1.

## STANDARDS

Total Number of Awards	Number Best of Show	Number Second Best	Variety, Hybridizer, Registration No.	Number of Collection Awards	Best Standard, Mini, SM, Trailer or Species
22	4	2	<b>Picasso</b> M. Tremblay #6924	11	5
12	1	1	<b>Lela Marie</b> I. Lineberg #5668	9	1
11	0	0	<b>Bertha</b> B. Foster #6159	11	0
10	0	0	<b>Ode to Beauty</b> Cox/B. Johnson #7677	10	0
9	1	1	<b>Marching Band</b> K. Stork #8645	5	2
9	2	1	<b>Mary Craig</b> R. Nadeau #6408	3	3

## SEMIMINIATURES

34	3	4	<b>Precious Pink</b> H. Pittman #6025	14	13
30	3	1	<b>Ness' Crinkle Blue</b> D. Ness #8136	16	10
23	2	0	<b>Irish Flirt</b> S. Sorano #7577	19	2
20	1	0	<b>Rob's Antique Rose</b> R. Robinson #8451	13	6
17	1	1	<b>Ness' Satin Rose</b> D. Ness #8144	12	3

## MINIATURES

9	2	0	<b>Petite Jewel</b> H. Pittman #7085	1	6
8	1	0	<b>Spring Peach</b> H. Pittman #8413	1	6

## TRAILERS

11	0	0	<b>Milky Way Trail</b> J. Stahl #7169	2	9
9	1	0	<b>Pixie Blue</b> L. Lyon #2598	1	7

## SAINTPAULIA SPECIES

12	1	0	<i>Saintpaulia ionantha</i> S 5	3	8
10	0	0	<i>Saintpaulia grandifolia</i>	2	8
9	2	0	<i>Saintpaulia orbicularis var. purpurea</i> S 14a	3	4

The following table shows the relation between the award winners by geographical areas.

Variety	Total Number of Awards	I	II	III	IV	V
<b>STANDARDS</b>						
Picasso	22	0	3	1	8	1
Lela Marie	12	1	3	2	4	2
Bertha	11	2	0	1	6	2
Ode to Beauty	10	3	1	2	2	2
Marching Band	9	1	5	0	2	1
Mary Craig	9	0	3	0	6	0
<b>SEMIMINIATURES</b>						
Precious Pink	33	4	4	9	9	7
Ness' Crinkle Blue	30	1	14	6	2	7
Irish Flirt	23	5	3	4	5	6
Rob's Antique Rose	20	2	8	4	1	5
Ness' Satin Rose	17	2	9	0	4	2
<b>MINIATURES</b>						
Petite Jewel	9	3	1	1	1	3
Spring Peach	8	1	3	2	1	1
<b>TRAILERS</b>						
Milky Way Trail	11	1	2	2	1	5
Pixie Blue	9	2	1	3	3	0
<b>SAINTPAULIA SPECIES</b>						
<i>Saintpaulia ionantha</i>	12	1	4	6	0	1
<i>Saintpaulia grandifolia</i>	10	1	2	4	3	0
<i>Saintpaulia orbicularis var. purpurea</i>	10	3	3	0	4	0
<b>NUMBER OF WINNERS</b>	265	33	69	56	62	45
<b>NUMBER OF SHOWS REPORTED</b>	102	14	25	25	20	18

The states in each geographical area, and the number of Tally Time reports from each state are as follows: #I includes Alberta-2, California-10, Colorado-1 and New Mexico-1; #II - Illinois-3, Kansas 1, Indiana-2, Iowa-3, Minnesota-3, Missouri-6, Ohio-5 and Wisconsin-2; #III - Connecticut-2, Delaware-1, New Jersey-5, New York-9, Maine-1, Maryland-1, Ontario-3, Pennsylvania-1 and Quebec-2; #IV - Arkansas-2, Louisiana-4, Oklahoma-1 and Texas-13; #V - Alabama-1, Florida-9, Georgia-3, North Carolina-1, Tennessee-3 and Virginia-1. No Tally Time reports were sent from the states not listed.

Other varieties winning 5 or more awards within an area were: #I - none; #II - Marching Band (5), Optimara Little Aztec (6) and Sassy Shirley (5); #III - none; #IV - Barbara Ann (6), Mary Craig (6), Red Bandito (6) and Rodeo Country (5); #V - California Sunset (5); Rob's Sarsparilla (5) and Snow Squall (5).



# Making the Most of Your Leaves

by Joshua McKinney • Goshen, KY

Can you hear yourself pondering this statement: "I wish that violet leaf would put up more plantlets; they never seem to produce enough to satisfy my needs!" Anyone experiencing this frustration probably has tried increasing the surface area of the petiole to coax more babies out of each leaf. Such a procedure is accomplished by making a very long cut of the petiole resembling an acute wedge. The problem with this method is that the "mother" leaf will be stressed and not strong enough to support all the "daughter" plantlets. Also, the soil depth will increase the time required for plantlets to mature. A more logical solution would be to divide the leaf into several wedges, each capable of producing a few plantlets.

This procedure insures that the energy will be equally distributed to all the plantlets. Also, the plantlets won't be crowding each other out as they mature. Such a distribution allows more plantlets to receive the light and space they need to be healthy and survive.

In order to grow, each wedge must contain the root-forming cells necessary for growth. Luckily, saintpaulias have no shortage of the cells that make phytohormones necessary for propagation. Most of these cells are located near the base of the leaf blade, where it meets the petiole. A piece of this region, called the sinus, at the bottom of each wedge will allow speedy growth. It also helps to have a piece of the main leaf vein in each segment.

Before cutting the leaf you must have the pots and soil

mix prepared. I used 2 1/4" solo cups for pots by punching three holes in each with a knife. The soil mix I used consisted of one part each of the following: peat moss, vermiculite, and perlite. After filling the cups with soil mix, I moistened it by misting with distilled water.

Setting the pots aside, I went in search of the largest leaf I could find. 'Jean-Pierre Croteau' had the largest leaf size in my collection. I chose a mature leaf, but not one that looked too old or yellowing. I first removed the petiole, then I divided the leaf blade into seven sections. After cutting up the leaf, I potted each wedge in its own pot.

Lastly, I secured each "wedge" in the mix and draped plastic wrap around the cups to hold in humidity.

After a few months of growing the plantlets will be ready for separation. I had 2 or 3 plantlets per section. Most bloomed true to type. I hope you try this experiment and have as much fun as I did!

Feel free to try this with semis as well, just remember that smaller leaves should be divided into fewer sections to minimize premature death of the blade sections. Also, when cutting the leaf blade, it's important to angle the cut facing in front of the piece at a 45° angle. Even when trying to keep the cuts facing forward, I still had plantlets come up behind some segments. Though, with this method that is less of a problem due to the smaller "mother" leaf pieces.

Happy growing!

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## AFFILIATE UPDATE

by Bev Promersberger - *Affiliate Committee*

17415 Charter Pines Drive • Monument, CO 80132 • <clubs@avsa.ora>

Haven't found an African violet club or study group near you? The following areas are interested in starting one. Maybe one is just for you.

Marion, Iowa

Contact: John Adney

2225 Northview Drive

Marion, IA 62302-5537

<johnadney@email.msn.com>

Oakland, California

Contact: Deb Knych

4031 Ardley Avenue

Oakland, CA 94602

<dmknych@concentric.net>

If you still can't find one, please contact me to see if someone else in your area is looking for persons to help start

a local club. Or, maybe you would like to start one yourself. We have a starter packet and advice that stays with you until you are established. You can request this packet or any other information by writing or e-mailing me at the addresses listed at the beginning of this column.

Congratulations and welcome to the following affiliates:

Fox Valley African Violet Society

President: Dixie Williams

3211 White Eagle Drive

Naperville, IL 60564-4604

The Bloomin' Violets

President: Jo Kirby

925 North 13th Street

Bismarck, ND 58501-4219



# A FOLLOW UP FROM RUSSIA

by Shirley Sanders  
San Antonio, TX

Due to the interest that the first article on Moscow and our friends there generated, I thought that the AVSA members would be interested in knowing what reaction there was from our Russian friends upon having it translated for them.

Elizabeth Sadova gave a program to her African violet club in Moscow about her new friends in America and the plants that she saw while visiting here in San Antonio. She translated the article "From Russia, With Love", to the members of her club who did not speak English. They were very pleased with what had been written. Elizabeth spent two hours with her club showing pictures and answering the many questions that the club members had for her. They wanted to know about our plant medium, lighting, fertilizer and our growing methods.

They are planning on subscriptions to the AVSA magazine for more of their members that speak English. At one time Elizabeth considered a Russian translation of the AVSA magazine by a Russian printer in conjunction with our society. With the economy in the condition it is in now in her country, she knows it would be impossible to try to make arrangements for this project.

She also said that her husband had built her shelves and installed lights for her plants. This is the first time she has had fluorescent lights for her violets, having always grown them in a window. The plants are the bright spot in her daily routine.

I have also heard from our friend, Irena Danilina. She stated that the December meeting of their club was devoted entirely to Elizabeth and her travel to America and her visit with the Sanders and other members of the Magic Knight African Violet Club who grow *Saintpaulia* in San Antonio.

Irena says that they differ a lot from the way we grow our plants, mainly in "mode and conditions of life." They also do not expect as much from their plants as we do. For one thing, they do not expect them to be as large as we grow them for show. They have beautiful blossoms but smaller standards. They would not have the room to grow their violets as large as we do. We must also realize that the climate is quite severe most of the year in their country.

One thing that they both asked the possibility of was more articles by people who maintain their plants in small apartments, or, in a small space in the corner of a room. This would be a tremendous help to them. As I told you in the last article, in most cases the people of Moscow have one to two room apartments. So, if anyone has information they would like to pass on to our Russian friends, please send it to the African Violet Magazine for them to read.

I would like to close with a quote from Irena's letter and I think it says it all. "The most important thing is what really unites us - this is our love for violets and the impossibility of living without their trustful and generous beauty."

## WOULD YOU, OR YOUR CLUB, LIKE TO COMMUNICATE WITH OUR AFRICAN VIOLET FRIENDS IN RUSSIA?

If so, please write to:

Elizabeth Sadova

c/o Ruth Rumsey

2375 North Street • Beaumont, TX 77702

## Attention Affiliates

Are you affiliate fit? If you are looking for answers, join us in Houston, Wednesday, April 7, 5:30 to 6:30 pm. If you have answers, we hope you will come to share. A special presentation is being planned to entertain and inform you. Whether you have been, or will be,

President, AVSA Representative, show chairman, or editor of your affiliate yearbook or newsletter, we hope you will plan to attend. We want to help you. Any interested member is welcome to join us and find out what it means to be **Affiliate Fit!**

# Regional Reviews

## (Part 1)

compiled by **Pat Richards**

15105 S. Seminole Dr.

Olathe, KS 66062-3004

email: [Patter257@aol.com](mailto:Patter257@aol.com)

*From the panhandle of Florida comes **Louise Merritt**, a beautiful and very friendly lady who gave a very informative presentation on the small ones at the 1996 Atlanta convention. The key to her success appears to be simple: good, consistent care, keeping an open mind toward trying new methods while maintaining a healthy respect for the tried and true!*

My plants are grown in a two story house with central heat and air; mainly downstairs in a small bedroom or family room. Some are grown upstairs as well. The small bedroom has 15 shelves with two 48", 40-watt fluorescent bulbs per shelf. Other rooms mostly have shelves with 24", 20-watt fluorescent bulbs.

Our temperatures range from 65° to 80°, and I estimate the humidity to be between 50-60%. This area has a very humid climate except for possibly a few weeks of the year.

I water with the wick method, using 4-ply yarn for semis and minis; heavier nylon for standards and trailers.

I alternate fertilizers and have no definite schedule. I also mix some fertilizers with good results. About 10 weeks before show, I mainly use bloom boosters.

After repotting, plants are placed on plain water for about a week, then on a weak solution of Fertilome Rooting and Blooming fertilizer 9-59-8. This weak solution consists of half fertilizer water (1/4 t./gallon water) and half tap water. After two to three weeks on the 9-59-8, the plants are started on alternate fertilizers such as Plant Marvel, Dyna-Gro Grow and Dyna-Gro Bloom, Bounty & Sturdy, occasionally Peters 20-20-20, Optimara 14-12-14, and closer to show, I use a mixture of 1/4 t. 9-59-8 and about 1/8 t. Rapid-Gro 23-19-17 per gallon of water. As I like to try new fertilizers and soil recipes, a fellow judge from Morgan City, LA, George Ramirez, shared his formula with me. He uses it mainly on trailers. I tried it on the single crown minis and semis, and I am well pleased with the results. The recipe consists of a mixture of equal parts of Peters 12-36-14, Peters 5-50-17 and Rapid-Gro 23-19-17 used at the rate of 1/8 t./gallon water. The little ones seem to stay more compact and produce plenty of blooms.

I also tried mixing equal parts of Dyna-Gro Grow 7-9-5

and Dyna-Gro Bloom 3-12-6 as used by Janice Bruns. This mixture also produces healthy foliage and plenty of blooms. I use this at the rate of 1/8 t. per gallon of water.

Since my watering method is wicking, the soil mix should be very porous. I have tried many soil recipes, but keep going back to one called Blue Whale which I have used for about 20 years. The original recipe is done in two steps, but I modified it to use when I need more soil in a hurry. I'd be happy to share the original recipe with anyone who wants it. The modified version is as follows:

1 quart sphagnum peat moss (screened and oven pasteurized)

2 quarts coarse perlite, washed (I pour boiling water over perlite in a colander before use. This cuts down on the dust from the perlite and allows for even moisture distribution in the soil.)

2 quarts coarse vermiculite

1/4 cup horticultural charcoal

1 tablespoon Dolomite lime

1/4 teaspoon Bone Meal

1/4 teaspoon Blood Meal

1 teaspoon Ferbam (or other fungicide)

Store in Zip-lock Bag

Another one that I like is a 3-2-1 mix:

3 quarts Pro-Mix Bx (screened and oven pasteurized)

2 quarts coarse vermiculite

1 quart coarse perlite, washed (as in above recipe)

1 cup horticultural charcoal

1 tablespoon Dolomite lime

1 teaspoon Ferbam (or other fungicide)

Store in Zip-lock Bag

To oven pasteurize:

Place screened, dampened (thoroughly moist, but not soggy) peat moss in oven cooking bag. Press out as much air as possible before closing bag with provided nylon tie. This prevents bag from "ballooning" as soil heats and from bursting against an element or hot rack. Place bag in another container (such as aluminum turkey pan) and put in oven on lowest rack. Bake for 2 hours at 180-200 degrees

(lowest temperature). Allow to cool in oven if possible. Screen again before mixing with remaining ingredients to break up any lumps and remove sticks.

My show plants are not kept in a "special" growing area. I rarely know which plants will go to a show until I am ready to pack them for transporting. I try to repot every 3 to 4 months. Miniature plants are kept in 2" pots unless they tend to grow large with large leaves. Then they are potted in 2 1/4" pots. I keep semiminiature plants in 2 1/4" and occasionally go up to 2 1/2" if the plant has a tendency to grow too large for a 2 1/4" pot. Standard plants are graduated in size from solo cups up to 4" and sometimes 5" tub pots. Trailers are usually shown in 5" bulb pans. I do not disbud minis and semis except when transplanting. Sometimes I try to keep standards disbudded until about 10 to 12 weeks before show, but many times my timing may not be accurate and the plants either bloom out before show or do not reach their bloom peak by show time. Our weather is not too dependable in this area, and somehow my standard violets seem to respond accordingly. I do not foliar feed my plants. I did foliar feed standards one year but found with the high humidity here, the tendency for powdery mildew was greater.

Most of my plants are started from leaves. New leaves are sprayed with a mixture of Orthene and Funginex (mixed according to directions on bottles) before being put down in rooting medium. The leaves are put down in a solo cup (with wick) that has perlite in the bottom of the cup, potting soil on top of the perlite and another layer of perlite on top of the soil. The cup is placed on a reservoir (usually a glass jar) and is enclosed in a plastic bag until babies appear. Then babies are removed from the mother leaf and potted in a solo cup if standard and in a 1 3/4" pot if a mini or semi.

My standard plants are grown under one cool white and usually one GroLux wide spectrum bulb, 8 to 10" from top of plant to bulb. My minis and semis can grow closer to the bulb, 5" to 6". Bulbs are changed about every 12 to 18 months, writing date changed with a waxed pencil on warm bulb. Lights are on 8 to 9 hours a day. Sometimes in cooler weather and closer to show, the time can be increased to 10 to 11 hours. One year I extended the lights to 12 hours with no better results. Since there are 15 shelves with lights in one small bedroom, the times are staggered for different shelves to maintain the temperature and to give them 8 hours of darkness. Even with central air and heat, I keep 3 small oscillating fans timed to run in conjunction with the lights.

New plants are sprayed and then isolated for 2 to 3 months. I do not spray as a preventative measure, but wait for any problem that might occur, then spray for that particular problem.

My collection of African violets consists of micro minis, minis, semis, standards, and trailers with the "little ones"

being my favorites, especially the semis. Hortense Pittman's hybrids seem to perform extremely well for me. 'Precious Pink' is very special and I still have my original plant. It is one that I can always depend on for show. I keep it wicked and in the same place on my plant stand - about midway between the middle and end of one of the 48" bulbs. The foliage color sometimes changes from year to year, still variegated, but sometimes with a darker green in it and sometimes with more pink. Others that have won many blue ribbons are 'Hector', 'Pat Champagne', 'Definitely Darryl', and 'Petite Jewel'. 'Cool Blue' is one of her newer hybrids that impresses me very favorably. The foliage is dark green and the light blue double blossoms almost totally cover the center of this symmetrical plant, standing up tall and straight. It usually blooms early and the blossoms remain fresh for a long period of time.

'Ness' Crinkle Blue' (D. Ness) is such a beautiful semi, but it usually grows too large under my growing conditions. I've tried many different soils and fertilizers with the same results, but I'll keep trying.

'Rob's Fiddle Faddle' (R. Robinson) always does well for me. It grows and blooms wherever it is placed on the shelf. It does require some watching as it often has a tendency to grow too large. It then, must have 1 to 2 rows of leaves removed. Repotting is needed more often to maintain its correct size. It has semidouble rose-pink blossoms and dark green pointed, hairy, serrated, redback foliage.

'Amazing Grace' (Soult) is an old but beautiful standard. Mine grows toward the end of my lights with very pale pink semidouble fringed blossoms and very ruffled apple green foliage. Sometimes, the ruffled foliage becomes so tight that leaves in the center prevent blossoms from opening. Some leaves need to be removed from the middle of the plant to correct this problem and allow the stems to grow properly and open. When it reaches show quality, it is outstanding.

Trailers are not easy for me to grow. However, 'Baby Brian' (P. Tracey), a semi trailer with single pale blue star blooms and plain green foliage, looks very promising. It grows well without much help from me. This is my second try on 'Baby Brian'. The first plant started with a small crown, healthy foliage, and produced many crowns to have nice form in a 5" bulb pan. After 3 years with no blooms or even a bud to show, however, I tossed it. I'm glad that I did not give up on it after the first try because my second plant has excellent form and mounds of blooms.

*The hot, arid, Arizona desert is from where **Rosemary Lort** hails, which offers the most challenging conditions of all for violet growing. Rosemary is a big proponent of Dyna-Gro, and with the difficulties she experiences one can understand why she prefers this very gentle, violet-sensitive fertilizer.*

First of all, do not grow African violets outside in Arizona unless you want fried violets!

There are several ways to successfully grow African violets indoors while living in the desert. Some growers use a wicked pot, while others prefer matting and Oyama Pots. Matting seems to work the best for me, although I do have several in Oyama Pots. I have two light stands of violets in my bathroom. I put variegated varieties on the bottom shelves where they get natural light and it is cool so they don't lose their variegation.

Unfortunately, in the summer I have no blooms because of the heat.

When I water I usually use Dyna-Gro Grow (1/4 tsp. in a gallon of warm water). Sometimes I change off with other fertilizers, the numbers of which add up to or almost equal 60. Dyna-Gro pH up and pH down also works very well, and summer is a good time to use Dyna-Gro Pro-TeKt because it helps with the heat.

Lights are left on in the winter for about 10 hours; in the summer 8 hours at the most. Sometimes I use two cool white bulbs and sometimes a cool and a warm. Two cool seem to work best in the summer. Some natural light is also received from a south window.

I try to keep soil light by mixing one bag of Schultz African Violet Soil, four 1 lb. coffee cans of pumice, two coffee cans of vermiculite and one cup of charcoal. It seems to work best in my desert conditions.

*Winston Goretsky is a respected grower from Calgary, Alberta, and is very active in the African Violet Society of Canada. Last year, this talented gentleman gave two presentations at the Sacramento convention, and took the photographs of winners of the national show which appear in the AVM. Thank you Winston, for this insight into your growing methodology!*

I grow my African violets and other gesneriads in the basement of my home, which has a fairly even temperature range. During the autumn and winter months, the home is heated with a forced air natural gas furnace with a humidifier. This is the most stable growing season for my plants, as the temperature range is ideal September to April being 19° C at night and 24° C daytime, with 38 to 55% humidity. In May to August it's 21° C at night and 30° C daytime, with 40 to 65% humidity.

I use an individual watering system with each plant having a saucer. I alternate watering from the top and the bottom. I make my own soil mixture, which is a modified variation of the Fisher mix, but I use earthworm castings as the organic soil component and substitute 80-90 percent of the peat moss with GROWBRIX (100% organic vegetable matter). It seems to break down slower than peat moss, and has a pH range of 5.4.

I use pure distilled water, with trace elements added, and one eighth to one quarter strength of fertilizer. I rotate several brands of fertilizer, paying particular attention to avoid the ones with urea as a base for nitrogen.

All of my lights are on a timer, which runs 12 hours a day, all year round, 12 noon to 12 midnight. I use fluorescent lights made by General Electric, which have a color temperature of 5000 kelvin (approximate intensity of noonday sun). I buy them in a case of 36 bulbs and they cost about \$5.00 (Canadian) each.

Varieties with which I have been impressed so far this year are: 'Music Box Dancer', Sorano, large semidouble-double rose-pink star with a wide white shaded edge. This plant has blossoms that just keep growing bigger and bigger, and the foliage is very well behaved. 'Baritone' by Stork, is a rich colored blossom of dark purple-red with very nice dark green foliage. When disbudded and then allowed to blossom it explodes with a massive flush of bloom. 'Prancing Pony', also by Sorano, has a double dark pink pansy with vibrant dark blue fantasy markings. This semi-miniature plant keeps a nice shape. Even when allowed to bloom for a long time, the center remains nice and tight. 'Rob's Galiwinku', by Ralph Robinson, is a double red-orchid with dark blue fantasy semiminiature trailer. It is a very nice, quickly branching trailer, that has very well behaved foliage which appears to maintain its size and impressive fantasy on dark-colored blossoms; a real treat to grow for those who are looking for something that isn't pink. 'Rob's Twinkle Blue', another by Robinson, is a semi-double dark blue miniature which stays miniature and the foliage doesn't grow larger when potted into a larger size pot. This is a very heavy bloomer and holds a vibrant color of blue.

*From Portland, Oregon, Valerie Miller takes a different perspective to the Regional Review. Instead of telling us how she grows her plants, she reviews the various growing methods and styles of local club members. Thanks, Valerie for this unique article.*

I would like to explain how our members adapt to the versatility of growing *Saintpaulia* in Oregon. African violets brighten up our indoor landscape. We bring particularly lovely blooming plants to our living areas to enjoy. Why grow lovely flowering plants if we can not enjoy their beauty as we go about our daily routine?

A few members grow using our sunny days to provide the energy for growth while most grow under fluorescent lights as sunny days are quite unpredictable. When we do have consistent sunshine, we humans enjoy the delight of light and warmth, too. That is the time plants growing in window light get the extra attention, a few extra strokes of a soft brush and other TLC.

Some members' homes have basements. Many of us use every available space for plants. Whether the basement is finished and interior decorated or just utilitarian, several of us have found it an excellent growing area. Because we have more hillsides than flat areas, our basements are often only partly in the ground, called "daylight" basements. As on the main floor, we can use combined daylight and fluorescent light.

One member's husband converted a garage building by insulating it, adding plumbing, fluorescent fixtures in wooden stands and worktables. Of course, the main attraction of a 'home tour' is the lovely African violets living in this neat, well-lit area. Lauretta often does not make it to the table at our plant sales without being stopped or having a string of admirers following her as she brings in a load of plants. (We have been considering providing her with 'security'.) She uses regular potting mix, perlite, vermiculite with some charcoal and systemic added and wick waters. Her husband made stainless steel carriers to hold several African violets each. In that manner, each plant arrives in excellent condition.

Charlotte grows the related gesneriads and miniature AV's using a two to one mix of coarse vermiculite and coarse perlite, wicking with synthetic yarn and running the fluorescent lights at night during our usually short hot summer weather. With many shelves of open trays of fertilized wicking water, the humidity factor is well accommodated.

Dick likes to try finding better ways to grow plants. He has been investigating the problem of nitrogen fertilizer used with some essentially sterile, artificial media. Dick informed us, "For the past year and a half, I was having trouble with bottom leaves and petioles turning to brown mush and new growth looking bad. I heard a horticultural chemist talk on fertilizers and how nutrients work in plants. One of the things he mentioned was plants did not like nitrogen from urea. He said that bacteria in soil could not break it down properly. The plants took up the urea nitrogen whether it could be used or not. Bottom leaves and petioles turning to mush is the plant's way of getting rid of the unconverted nitrogen compound. He suggested using fertilizer with a nitrate nitrogen source only. I did this and all the new growth is green and healthy." Dick wowed us all when he brought his *Saintpaulia* 'Deer Path Trail' to our club meeting.

Janet is finding that her African violets are 'invading' her collection of Christmas cactus. Growing on shelves in front of large windows with a southern exposure is her setting. She also has been trying the same fertilizer that Dick uses and loves the improved plant appearance. She uses a standard African violet potting mix with added perlite. She top waters weekly. Each of her 'violets' get 'christened' with affectionate names as each has its own personality

and reminds her of someone, contemporary or in literature.

We have two members who are past their ninetieth birthdays; both are very active participants in our activities. Leona is an excellent gardener and actively maintains her lovely yard and a host of house plants, while the other, Paul, is one of our best supporters and is usually the first on hand at set up for a plant sale. He has served as our treasurer several times. He always greets us with a cheery smile at each meeting, whether it's membership or board.

Paul's wife, Ruth, loves growing African violets, related gesneriads, and a few other plants. Paul mixes two parts sifted peat moss, one part vermiculite, one part coarse perlite, one part small size pumice (size of small peas), some charcoal and agricultural lime for pH adjustment; pasteurizing the mix in the oven. Ruth places pieces of plastic light-fixture-grid inside her trays and covers the grid with interfacing fabric. Plants are wicked with synthetic yarn and pots are placed on matting, end of matting is draped in the fertilized water below. Trays need topping off twice a week.

Chris has been demonstrating to the rest of us how to recover from a bout of soil mealybugs that she was unable to eradicate and had her entire collection dumped. Her eight three-shelf light stands are already bulging after only a few months. At our last board meeting, she invited, in fact begged, members to come help 'pot-up' to 4" pots.

*The Windy City lays claim to many notables, and one of them is **Steve Covolo!** Holder of a degree in Botany from Purdue University, Steve is most knowledgeable in plant culture, particularly when it relates to fertilization. Although I've never seen a show winner of his, I'm told they are sheer perfection and show a certain "refinement" unlike anything else on display. He has high expectations of his plants, and refuses to grow more than 50 plants at any given time. I hope you enjoy the contribution of this plant connoisseur!*

My "furry friends" are grown in a north bedroom with almost no residual light. The room has dark paneling, so there is almost no reflective light at all. The temperature of this room remains cool in the winter, yet it can get a tad warm in the summer. I do use A/C during the summer to keep the temperature under control. The converse is true for winter. Being a north bedroom, it can get very chilly on those winter nights. I use an oil-contained heater that is set at 72° F. The temperature range is between 72-80° throughout the whole growing season. A belt driven humidifier is active all season long. I like to keep the humidity between 50-70% at all times.

All of my violets are wick watered on reservoirs. They are wicked with Wintuk yarn for larger plants and masonry cord for the smaller plants and small ones. In the reservoirs Dyna-Gro 7-9-5 is used for maintenance. The rate of



application is 18 drops to a gallon of water. (Note that this is slightly less than a quarter teaspoon per gallon). For bloom boosting I use Schultz's Bloom Plus 10-60-10 at a quarter teaspoon per gallon of water.

At peak bloom production time I will use 1/8 teaspoon Pro-TekT per gallon, added to my Dyna-Gro solution. Please note that all my fertilizers are "Urea free".

Right now my growing medium is coconut fiber. I'm having very good results with it and my plants are not showing as much setback after repotting as they did in a peat base mix. My coconut fiber mix reads as follows: one brick fiber, to this add 1.5 gallons of hot water, let the brick expand and absorb the water. When the brick has expanded I then pour off the excess water. To this add five 26 ounce coffee cans of medium perlite. The final ingredient is 2 cups of horticulture charcoal.

I have two 3-tiered light stands and one 4-tiered stand, all with 18" spaced light fixtures. These were all purchased

from Indoor Gardening Supplies. I use Gro-Lux standard tubes on everything except my small ones and my trailers. They are grown with Gro-Lux Wide Spectrum tubes.

My passion in the violet world are the "Large" standards. Some new additions to my violet family that have impressed me are: 'Tomorrow's Starlight' (Jeff Smith), a light to medium two-tone pink cupped star with a nice raspberry edge all tied up with a variable white edge. This plant has great symmetry and foliage, with a great bloom head. It has given me a Best in Show title, too. 'Cen-Tex Rose' (Bill Foster) is a must-try pink that has great foliage and symmetry; the vote is still out on bloom count. Some proven show winners that perform for me consistently are 'Harbor Blue', 'Ness' Blue Velvet', 'Ocean Eyes', 'Powwow' and 'Ode to Beauty'. In the trailer department I have two top performers: the semiminature 'Sundown Trail' and in the standard class, 'Cherry Blossom Trail'.



## **2nd Annual AVSA Convention Auction:**

# **DEEP IN THE HEART OF TEXAS**

As you know, the great state of Texas is well-known for many things, generosity being one of them. Frances Young of Austin, former President of AVSA, has donated her COMPLETE set of AVM's, dating back to volume 1, issue #1 for the auction. They are in binders through 1990. This is a very rare, very unique item, and we are forever indebted to Frances for this donation.

Thanks to everyone else who has donated an item to the auction. They include hand-painted porcelain collectible pendants, Royal Chelsea Violets Demitasse Cream & Sugar bowls, a limited edition, very rare Filipino Barbie doll with a violet design dress, and a handmade quilted woman's vest with violet appliques. Other items are; several fine books on our favorite houseplants, Secrets of Gesneriad Growing by an Expert, by Max Dekking, All About African Violets, by Montague Free, African Violets: Queens of the Indoor Gardening Kingdom, by Melvin Robey, African Violets, by Tony Clements, and a violet teapot set and a handcrafted violet plate.

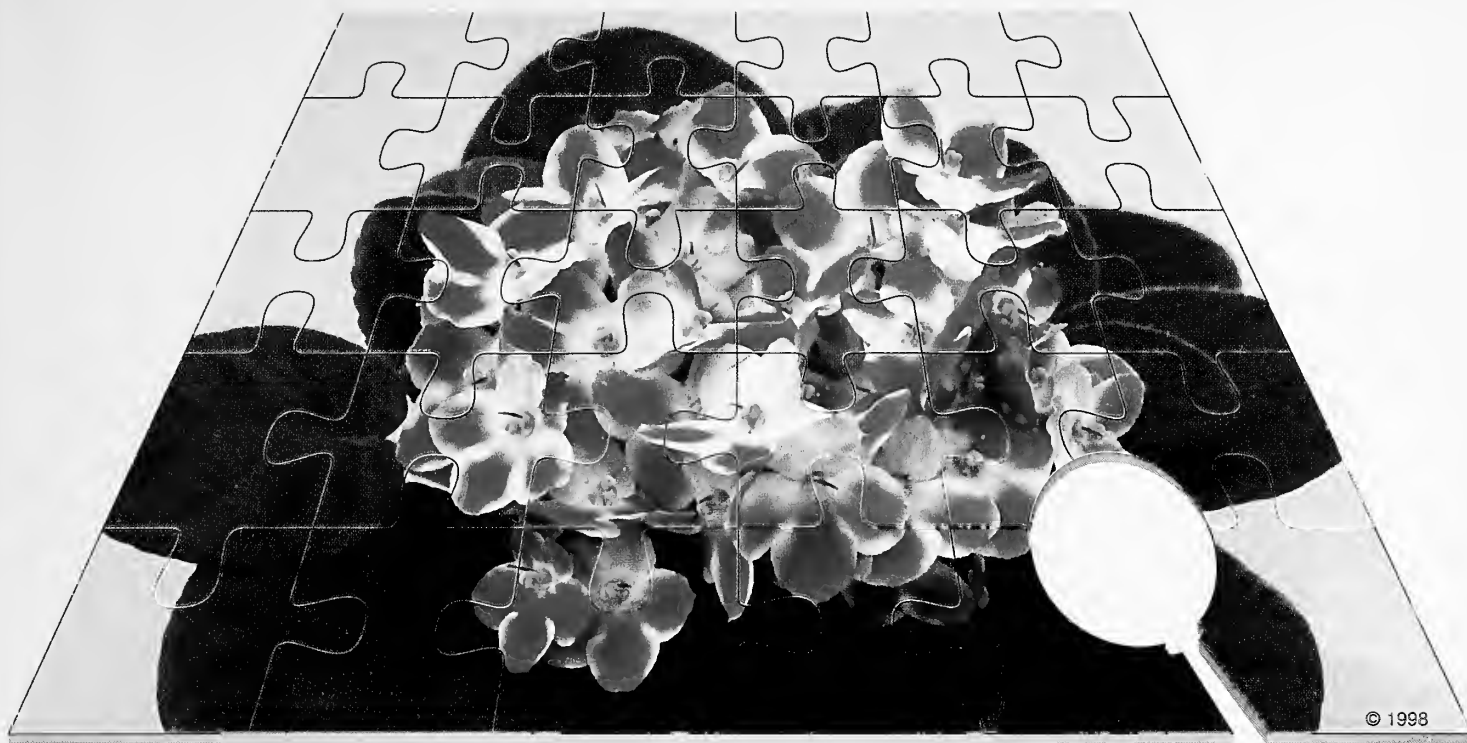
Several other items have been suggested, but as yet, are not finalized.

For those of you still wishing to donate an item, please notify me and/or Dale as soon as possible. Please include a brief description of the item and an approximate value. You can either bring the item with you to convention or mail it to Dale ahead of time. Donations received before convention will be recognized in a special notice at convention, and all donations will receive recognition in the AVM after convention. Proceeds will go to marketing materials that will help publicize affiliates.

We hope to see everyone at the Saturday luncheon auction! (Remember, you must attend the banquet in order to attend the auction). Thank you so much!

Pat Richards  
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fax: 1-913-829-4858  
email: Patter257@aol.com

Dale Martens  
2728 Masters Drive  
League City, TX 77573  
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## What's Missing From This Picture?

Chances are, few of today's garden centers know as much about growing African Violets as you do. No doubt, this explains why so many knowledgeable Violet growers have a hard time finding the products they need. For anyone who knows what it takes to grow beautiful, full-blooming African Violets, it can be like putting together a puzzle, only to find there's a piece missing. We know the feeling. That's why we started the Selective Gardener, a plant care supplier that specializes in products for African Violets.

### Everything You Need to Grow Beautiful, Full-Blooming African Violets

The Selective Gardener makes it easy to get the products you need. As a plant care supplier that specializes in African Violets, the Selective Gardener carries a full line of plant care products with brand names like Optimara.

- Fully-dissolving, urea-free fertilizers
- Self-watering devices such as the Watermaid and the new, spill-proof Optimara WaterWell
- Ultralight, pH-balanced potting media
- Pots, trays and plant covers
- Show accessories and more

### From Leaf Cuttings to Finished Violets

In addition to plant care products, the Selective Gardener offers African Violets in several pot sizes, including genuine Miniatures. You can also order leaf cuttings from all of the available Optimara and Rhapsodie varieties.

### A Complete African Violet Resource

The Selective Gardener is a complete African Violet resource. Send for the Selective Gardener catalog, and you will find offers for plant care products, Violets and leaf cuttings, even books and posters. Or go online, and you will find even more. At the Selective Gardener's internet site (<http://www.selectivegardener.com>), you will have access to a number of resources not available anywhere else.

- Growing tips from the world famous Holtkamp Greenhouses
- Complete interactive Violet identification guide
- Links to other useful sites such as Doctor Optimara, a symptom-based, interactive manual for diagnosing pests and pathogens
- Reviews of African Violet products

**(Tip:** If you do not have access to the internet, try your public library. Many libraries, now, provide computers for public use, as well as helpful assistance for anyone wanting to go online.)

### The Selective Gardener Catalog

To receive the Selective Gardener catalog, send \$1 (which will be credited to your first order) with your name and address to:

The Selective Gardener  
6011 Martingale Lane  
Brentwood, TN 37027

Or visit us online at  
<http://www.selectivegardener.com>.



# Thinking Small



## Pat Richards

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email: Patter257@aol.com

*This month we have my third guest columnist, **Fay Wagman** who, along with her husband **Irwin**, operates the Violet Venture in Pittsford, New York. Not only is this guest column delightfully written, it is also extremely informative! No one should be surprised at this though because Fay almost swept the Commercial awards in the specimen classes in Sacramento, with her tiny but perfect small ones. I hope you enjoy her contribution!*

When Pat asked me to write a guest article for her wonderful column, I told her I couldn't think of anything to add to the useful information already found here. Then she told me to just detail my particular growing habits, (and idiosyncrasies), so I agreed. Much will be redundant, of course, since I merely attempt to follow the advice given by the experts at growing miniatures, like Ralph Robinson, Sidney Sorano and Pat.

Pat was particularly interested in my very small miniatures. I tend to grow all my plants quite small. I've always been fascinated with all kinds of miniature things. (Despite the fact that I do not have a miniature physique!) Pauline Bartholomew's "Growing to Show" appeared just about the time I was getting into growing, and her chapter on miniaturizing was definitely an influence.

Growers of large show plants choose starter plants of varieties that have proven their potential to produce very large, flat foliage. Conversely, plants known to have tiny leaves and compact habit are the ones to start with. A few of my current favorites are 'Planet Kid', 'Rob's Penny Ante', 'Petite Ruby', 'Chimpansy', 'Snuggle Bear', 'Rochelle's Toy Rascal', 'Lyon's June Bug', 'Tooly McCooly', and 'Lollipop'.

Of course, each year I purchase whatever new miniatures become available, and so the list of current favorites is constantly changing. I purchase leaves rather than plants, if possible. If only plants are available, I put down several leaves as soon as the plant is received.

## SOIL MIX

I use Promix HP for both potting and for starting leaves. In a five gallon pail, I mix one or two cups horticultural charcoal, about one quart of very coarse vermiculite, and about four and a half gallons of Promix HP. I keep adding the Promix until the pail is full to the top. I carefully pour in a gallon of hot water (which I take directly from the electric heater) into the pail. After letting it sit at least one full day, I just keep stirring up the top of the pail, and the consistency is always just the right degree of moisture for potting. It will keep this nice level of moisture for a few weeks. Since I use a soil scoop (the kind purchased from Violets from the Starrs), this consistency is quite important.

## PROPAGATION

I propagate new leaves individually and with much more care than the leaves of my established plants that I wish to duplicate. For newly purchased leaves, a 2" pot is wicked with a thin strip of nylon hose and filled with the soil mix. The name of the variety is written on the label (a 3" marker which I have cut in half) with an ultra fine Pilot black marker. The stem is then cut to about 1/4", and inserted into the soil at a slight angle. The one thing I do that may be different is to cut straight across the stem, not at an

angle. Consequently, I generally get only two or three babies from each leaf, sometimes only one, but they seem to be slightly larger and stronger than a clump of many babies. If I do end up with a large clump, I often remove several of the weaker crowns, leaving no more than two or three to mature.

The 2" pot is then put into a plastic egg-shaped terrarium, with drain holes in both the top and bottom. The wick is pulled through the drain hole in the egg, and then it is placed in an 8" x 12" tray, lined with a square of synthetic blanket. I purchased these eggs several years ago from "Patches 'n Pots", and have been using them ever since. However, I haven't been able to locate another supplier. If you know where they can be purchased, please let me know. I did make a reasonable substitute by putting the pot into a 3" plastic drinking glass, inverting another on top of it, and taping the two together. It works well, but requires individual watering, as I was unable to make holes for the wick. The glasses kept splitting and breaking every time I tried to drill or burn holes into them.

When putting down leaves for sales or project plants, I use clear plastic, square food containers with tightly closing lids, approximately 4" x 5" x 2". I fill the bottom half nearly full with potting mix, then insert several leaves, cutting and angling them exactly the same way as the newly purchased leaves. After closing the cover tightly, I write the name and date on the side of the container.

### POTTING

When the babies develop, they are potted into individual one ounce Solo, or Sweetheart, clear plastic cups. I purchase these at a restaurant supply store, and I think Sam's Club or similar stores also carry them. My husband drills three small holes in the bottom, so that I can insert a wick (again, strips of nylon hose) in each pot. Occasionally, I will pot a few candidates for show entries into the very smallest Oyama pots. These are 1-1/2" two piece self-watering pots. The inner pot has a narrow tube which is partially filled with perlite, then filled to the top with the Promix, in which the plant is potted. The outer pot has lines to show how much water to add. They are available from Cape Cod Violetry.

### GROWING

The little pots are put into 8" x 12" trays that are lined with a mat cut from an acrylic blanket. The trays are set about twelve inches under the lights. The mat is watered about every six days, using a mixture of 1/4 tsp. fertilizer and one drop of Superthrive per gallon. I use either Dyna Gro 7-9-5 or Peters Peat-Lite Special (15-16-17). My lights are a combination of one cool white and one wide-spectrum tube per fixture, 12 hours a day.

As they begin to grow slightly, I move half the plants to

another tray, attempting not to crowd them (I'm not always successful!), and keep removing outer rows of leaves to keep them as symmetrical as possible.

Most of the very small ones are kept in the one ounce cups until they are ready to go to a show or sale. Some of the very smallest are then put into 1-1/4" thumb pots. The rest are potted into two inch or 2-1/8" pots. The plants that I grow for leaf production are potted into 2-1/4" pots, which is the largest pot I ever use for mini's or semi's.

I maintain the same feeding and lighting schedule all the time. I'm afraid I'm not a sufficiently organized person to follow the rigid schedule required to consistently produce great show plants. That's probably why my results are somewhat sporadic and not always successful. But I always enjoy all the aspects of growing, and have a lot of fun taking plants for show.

### SHOWING

One great advantage of growing miniatures is the number of plants that can be fitted into a very small space on an airplane. I had originally thought that I could exhibit only when a convention was within driving distance. My early attempts at trying to carry plants on an airplane had very mixed results. The first time my husband-to-be accompanied me to a convention, he picked up my plant box and sent it flying through the x-ray. And I do mean flying. It went end over end, and I ended up with nothing but a few leaves to give away. (I married him anyway, and he is now wonderfully adept at transporting plants!) After that, I would carry them on my lap, placing them under the seat during take-off, and constantly unpack for inspection, so as to avoid putting them through x-ray.

Last year, my husband cut down some copy paper cartons to approximately 17" x 24" x 8", a size that fits perfectly in the overhead bins. We then filled them full of shredded newspaper. The plants were nearly buried into the paper. The covers were tied down very tightly. He added some carrying handles made of heavy twine. These boxes went through the x-ray with no problem, and fit perfectly into the overhead bin. Of course, I use the overhead on the opposite side of the airplane from my seat, and woe to any passenger who tries to cram anything around the boxes that may damage them.

At the last convention, I managed to fit 14 small plants in two boxes, including two species plants. They all traveled clear across the country without losing blossoms.

Coming home, I have plenty of room for wonderful new acquisitions, as the plants I take are usually traded or given away. I also take an extra shopping bag in my suitcase, that can be filled with new leaves and put under the seat!

I hope you will be encouraged to grow some of the darling miniatures, and to share the fun of entering them in a show.

Shc. *Shc.*

## *Magnolia*

*Exhibited by: Nelly Levine*

*Hybridized by: Burns/Nadeau*

*Large*



## *Little Axel*

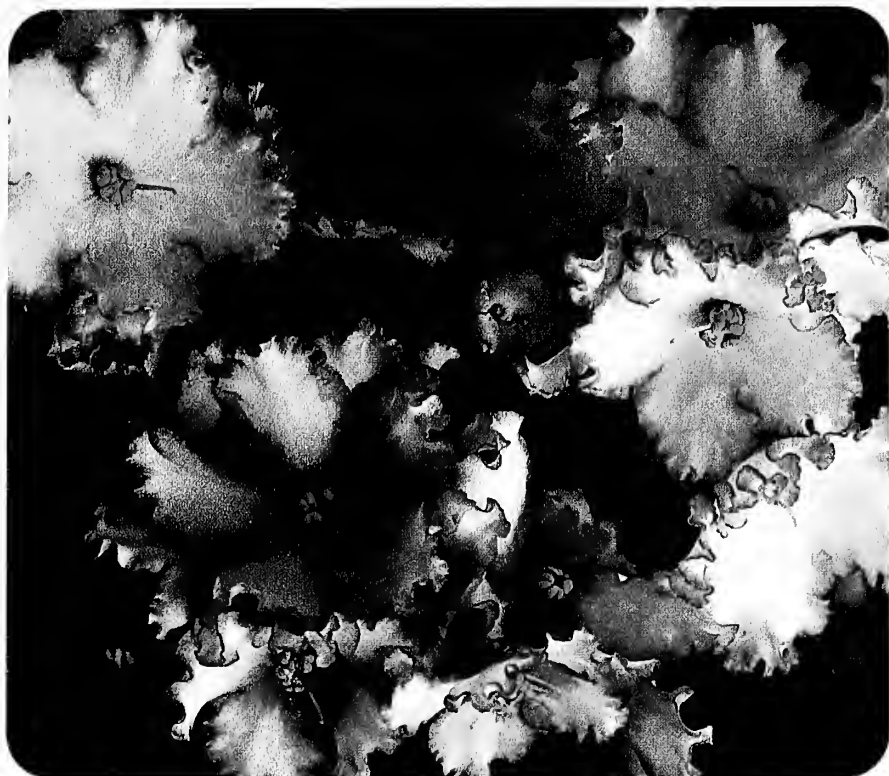
*Exhibited by: Betty Margetts*

*Photo Credit: Library Crew*

*Semiminiature*







## ***Stan's Legacy***

*Exhibited by: Nelly Levine*

*Hybridized by: Stan Stancliff*

*Standard*



## ***Smithiantha 'Little One'***

*Exhibited by: Bev Promersberger*

# *In Search of New Violets*



**Dr. Jeff Smith**  
The Indiana Academy  
Ball State University  
Muncie, IN 47306  
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In planning a genetic cross in African violets, does it make a difference which parent is chosen as the seed parent and which is used as the pollen parent? In many cases it won't make a difference, but in others, the choice of the seed parent plant could be critical. The object in choosing a seed parent is for the flowers to be able to form seed easily when pollinated. If the flowers are full doubles, the pistils are sometimes malformed, preventing seed formation. Choose plants that are single sticktights or semidoubles to avoid this problem. If variegated offspring are desired, the seed parent should be variegated, as is discussed in the first question below. For most other characters, both parents contribute equally to the offspring. Therefore, both parents should have strong characters for foliage, flowers and growth.

**Q:** *Can I get red doubles on variegated foliage from a cross of 'Alamo Red' with 'Lela Marie'. Will it make a difference which plant is used as the seed parent?*

**A:** Yes, if variegated offspring are your goal, it will make a difference as to which plant is used as the seed parent. Since 'Lela Marie' is variegated and 'Alamo Red' is not, you should use 'Lela Marie' as the seed parent. Since both plants have double flowers, most of the offspring should have double flowers. The red flowers of 'Alamo Red' will be dominant to the pink of 'Lela Marie' so at least 50% of the offspring should have red flowers, but they will be of a fuchsia red. If you want the coral red flower color of 'Alamo Red', you will have to conduct a

backcross. Use the best variegated F1 offspring as the seed parent and 'Alamo Red' as the pollen parent. About 50% of the next generation will have the coral red coloration of 'Alamo Red' and they should be on variegated offspring.

**Q:** *A plant produced from a cutting of 'Anthoflores Raphael' is showing mosaic variegation in the foliage. Can a plant sport from non-variegated to mosaic variegation?*

**A:** It is possible for a plant to sport and form mosaic variegation. I have seen this happen with one of the original 10 violets and in plants produced from seed that was treated with radiation. What I think is more likely, however, is that the trait for mosaic variegation was already in the plant, but was not being expressed. The expression of variegated foliage is dependent on the ratio of normal to mutant chloroplasts. If the ratio of normal chloroplasts is high, the leaf will not show variegation. If the ratio shifts, as can happen when a new plant starts from a single cell in a leaf cutting, variegation can start to show in the leaves. Often the amount of variegation is small, but repeated selection through additional generations of leaf cuttings can sometimes intensify and stabilize the variegation until a pleasing result is obtained. Since we do not have any thumbprint flowers on mosaic foliage, I hope you will be successful in stabilizing the variegation. Good Luck!

**Q:** What is a sport? How do you determine if a sport is an improvement?

**A:** A sport is an unexpected mutation in the DNA of a plant that results in a change in the plant's physical appearance. Sports can be in the flower shape, flower color, leaf characteristics or any other genetically controlled trait. The determination of the improvement of a sport over the original plant is a judgmental one. For example, a fantasy-flowered plant that sports to a solid color is not considered an improvement. A single-flowered plant that sports to double flowers was a considerable improvement when it happened in 'Blue Boy', one of the original 10 violets. Up until that time, double flowers were unknown in violets. The sport provided the genetic material necessary for breeding doubles and semidouble flowers. If the same sport for double flowers occurred in today's plants, it would likely be ignored. What judges look for in sports is for the changed character to be a general improvement in the show potential of the plant. Use this as your guide and you'll have a general idea if the sport is an improvement.

**Q:** Is African violet hybridizing seasonal?

**A:** Since African violets have the potential to bloom year around, there is also a potential to hybridize at all times

of the year. I have found, however, that some seasons work a little better than others. For example, the growth of the pollen tube down the pistil to the seeds appears to require high humidity. Crosses that are made during the drier times of the year, such as winter, may have less success. Crosses made during the spring when the humidity is often higher, may be more successful. I've often found it a good idea to make crosses on rainy days to take advantage of the higher humidity. Misting the pollinated plant frequently for several days after making the cross may raise the humidity enough to help successful seed set.

**Q:** Do any of the species plants show colors other than blue, purple or light blue?

**A:** There is a report that a plant of *Saintpaulia rupicola* in the Kenya National Museum collection has pink flowers. I have not seen this plant and it is not currently available in collections in the United States. The plant *Saintpaulia white ionantha*, which has not been described as a true species, actually has very pale blue flowers, not pure white. No other colors have been reported for the *Saintpaulia* species plants, but a recent collection of *S. confusa* in the Mather collection does show red-violet in its flowers instead of blue violet.

## The African Violet Society of Canada 32nd Convention, Show and Annual Meeting "Toronto Welcomes Violets"

May 28 - 30, 1999  
Toronto, Ontario, Canada

The AVSA Judges' Council - Ontario and The Toronto African Violet Society are excited to host the 32nd Convention, Show and Annual Meeting of the AVSC from May 28 - 30, 1999 at the Civic Garden Centre, Edwards Gardens, 777 Lawrence Avenue East, Toronto, and at The Holiday Inn-Don Valley Hotel, 1100 Eglinton Avenue East, Toronto.

The theme this year is "Toronto Welcomes Violets" and we know that you will receive a warm welcome here in our mega-city of Toronto.

The Civic Garden Centre, Edward Gardens, which is the location of the show and meeting rooms, is one of Toronto's premier gardens. They are known around the country for their spectacular spring flowering gardens and wonderful rhododendrons. You can enjoy the formal gardens or take a longer walk through one of the many natural areas. We know you will enjoy this special setting in the heart of Toronto.

In addition, this year we are combining the Spring

Meeting of The New York State AVS with this superb African Violet Convention and Show.

We look forward to seeing you again if you have joined us in the past. If you have been thinking about visiting Toronto, now is the perfect opportunity!

Looking forward to seeing YOU in Toronto!

For further information contact:  
Doris Brownlie, Show Chairman  
600 Silvercreek Blvd., #80  
Mississauga, Ontario L5A 2B4  
(905) 270-6776

Beverley Williams, Co-Convention Chairman  
3052 Grenville Drive,  
Mississauga, Ontario L5A 2P7  
(905) 275-5408 or  
E-Mail: foxtalks@echo-on.net

# Showcase

## *Rebel's Cranberry Creme*

*New Introduction - 1998*

*Hybridized & Grown by: **Ruth Bann***

*Large*



## *Windmill*

*New Introduction - 1998*

*Hybridized & Grown by: **Kent Stork***

*Standard*





## ***White Dew***

*Grown by: Bev Promersberger*

*Hybridized by: H. Pittman*

*Semiminiature*



## ***Rhapsodie Angelica***

*Grown by: Kent Stork*

*From Best Holtkamp  
Collection (Commercial)*

*1998 AVSA National Show  
Standard*



# Vintage Violets



**Barbara Elkin**  
Vintage Violets Committee  
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Auburn, CA 95602-9674  
email [jabar@foothill.net](mailto:jabar@foothill.net)

Spring is here! Every day is a new day with something else in the mail. Received a note from Arizona saying that 'Miriam Steel' had been found. Unfortunately it will not be available for some time as it is very small. All of you waiting will just have to wait just a little bit longer, but remember the end is in sight. Some 'Millie Blair' leaves walked into one of our local shows some time ago. The kind person leaving them for me didn't leave a name so I could thank them. Just a message they were for me. I am still trying to get them propagated. Those of you waiting for that will also have to wait just a little bit longer too. I had a plant of 'Rhapsodie GiGi' sent to me some time ago. Still just as lovely as always. If you are looking for something that doesn't get too big, this is the plant for you.

Please, if you have lost one of your treasures that has

been listed with me in the past, LET ME KNOW ABOUT IT! This way I will not send your name and address to someone, wasting time and postage. You never know, I just might have a replacement.

I can't seem to say too much about respect, and these old timers need your respect when you judge them.

Please read the **AVSA Most Wanted List** carefully. Do you grow one or two of these plants? There are growers waiting to hear from you. Did you know that 'Delft Imperial' was shown at the Sacramento AVSA Convention? It is still as lovely as it was over 36 years ago!

Remember to always return the postage when someone is kind enough to share with you. Also remember to send a self-addressed envelope for my reply when writing to me.

Thanks too, for your many letters and kind words.

## AVSA'S MOST WANTED

Adeline Krogman	Ballet Erica	Blue Skies	Caribbean Ice	Copy Cat
Agglitter	Ballet Grace	Blue Velvet	Catherine	Coral Cascade
Albert The Second	Ballet Helga	Blue Warrior	Cat's Meow	Coral Radiance
Alice Marie	Ballet Meta	Bobby	Cherokee Rose	Coral Reef
Alzira	Bee Tee Lee	Bryte Angel	Cinderella (Flower Pot)	Coral Tips
America	Belle's Spring Song	Bryte Bells	Cinderella's Slipper	Cordelia
American	Bernice	Bryte Glitter	Cinnamon Twist	Cotton Bowl
Anna Therese	Betty's Cindy Darlene	Bryte Sensation	Circus Circus	Crested Jewel
Anne Slocomb	Billy 'Crash' Craddock	Bryte Tips	Circus Clown	Crimsonny
Antique Elegance	Black Congo	Bubblin' Over	Clackamas Surprise	Crown of Red
Arabesque	Black Gold	Bullseye	Clipper	Crusade Trail
Apricot Frost	Black Waves	Bunny Hop	Colibri	Curley Q
Arctic Blizzard	Blazing	Buttercup	Columbella	Cyndy
Aunt Jemina	Blue Bouquet	Butterflies	Comet Trail	Dainty Doll
Autumn Russett	Blue Dart	Butterfly White	Confessions	Daisy Doll
Baby Blue	Blue Fandango	Cafe Au Lait	Constance Hansen	Dallas Pride
Baker's Hot Lips	Blue Nymph (Standard)	Calico Kitten	Constance Hansen	Dalliance
Ballet Candy	Blue Peak	California Cascade	Supreme	Dansuese
Ballet Carla	Blue Reverie	Candy Dandy	Coon Valley	Dark Eyes

Darth Vader	Granger's Peppermint	Maverick's Young Love	Purple Crest	Sweet Lady
Dates Fanfare	Granger's Rio Rita	May Dance	Purple Rocket	Sweet Lime
Deep Sea Treasure	Granger's Venetian Lace	Melly	Purple Star	Swiftly Lace
Delphine (Fredette)	Great Find	Melodie Frances	Push Over	Targeteer
Desiree	Great Scott	Merry Christmas	Radiant Star	Tassy
Diana Ross	Great White Way	Michele	Rainbow's Bantam	Teen Wonder
Dib's Thrill	Green Glo	Mighty Mini	Neon Glo	The Bride
Dingbat	Gypsy Charm	Minako	Rainbow's Showboat	The Parson's Ruffles
Dippity Do	Half And Half	Mine Alone	Raspberry Frills	The Parson's Wife
Dixie Moonbeam	Handkerchief	Ming White	Ravencrest	Timbertop
Dominion Rose	Heavenly Halo	Miss Beautiful	Ravishing Ruffles	Tinari's Blue Eyes
Donna Lee	Highbrow	Miss Liberty	Red and White	Tinari's Star Trailer
Dorothy Gray	Holly Dolly	Miss Wisconsin	Red Carnation	Tinari's Wild Girl
Do's Jean	Holly Go Lightly	Mohawk Trail	Red Rocket	Tinted Snow
Double Dutchess	Holly Peach	Montgomery Silver Frost	Regina	Tiny Blue
Double Mini Orchid	Hot Cargo	Moon Moths	Renee	Tiny Pink
Double Pink Cloud	Hot Lips	Moon Silver	Reverie	Top Notch
Double Seafoam	Hot Touch	Mountain Blue Boy	Rhapsodie Candy	Tribute
Double Uncle Bob	Illini Deb	Mountain Wildflowers	Rhapsodie Gigi	Triple Threat
Dresden China	Illini Gem	Ms. Frizz	Rhapsodie Venus	Twinkle
Dutchman	Indian Summer	My Spoon	Rhapsody	Valeria
Easter Egg	Ivory Venus	Neon Rainbow	Rhinestone Cowboy	Vampire's Kiss
Edge of Midnight	Jealous Pink	Niagara's Pink Beacon	Rippled Romance	Vibrant Val
Eileen	Jeff's Jewel	Night Fever	Risque	Victoria
Eleanor	Jennifer	Nosy Bouquet	Rosalynn Carter	Violet 'n' Gold
Elsie	Jimmy Carter	Odyssey	Rosie Lou	Viva
El Toro Supreme	Jimmy Crack Corn	Ohio Sunset	Rowena	Vulcan's Treasure
Emma Lahr	Josie	Old Blue Eyes (Mendoza)	Royal Elegance	Wanderlust
Emperor Wilhelm	Joy Pink	On Edge	Royal Heart	What Now
Etna	Just Beautiful	Optimara Kansas	Royal Ruby	Whirlaway
Fairy Image	Kay Russell	Optimara Little Cherokee	Russian Hill	Whirlaway Sport
Fancy Flirt	Kiss't	Optimara Maryland	Sailor's Dream	Whisper Valley
Fantasy Lou	Krista Lynn	Optimara Missouri	Sea Grape	White Feathers
Festival	Lacy Laser	Optimara New Jersey	Sea Gull	White Pride Supreme
Fisher's Anne Marie	Lacy Red	Optimara Pennsylvania	Sea Queen	White Wedgewood
Floral Fantasy	Lady Catherine	Optimara Sequoia	Sea Shell	White Whisper
Fox Run	Lady Luck	Orchid Beauty	Sensational	Wizard of Oz
Fredette's Blue Jean	Lavender Lady	Orchid Ripples	Shannon Renee	Wrangler's Buckboard
Fredette's Elita	Lavender Love	Pam's Potpourri	Sheryl's Renee	Bounce
Fredette's Sugar Blues	Legacy	Paragon	Shine Boy	Wrangler's Campfire
Fredette's Twilight	Like Wow	Park Avenue	Silver Anniversary	Wrangler's Double
Fantasy	Lilac Puff	Paul's Pazazz	Silver Crest	Pleasure
Frosty	Lilac Time	Peepers	Silver Flute	Wrangler's Lady Lee
Galatic Star	Lillie Belle	Penguin	Silver Token	Wrangler's Lady Vallin
Galt Grape	Lilith Lassie	Peppermint Fog	Skagit Ambassador	Wrangler's Lavender
Gay Coquette	Little Dee	Pigmy or Pygmy	Sky Magic	Lasso
Genessee Silhouette	Little Doe	Pilgrim Maid	Snow Drops	Wrangler's Moon Dance
Geneva Rose	Little Lou	Pink Beauty	Snow Flake	Wrangler's Moonshine
Geneva Trail	Little Maroon	Pink Dresden	Snow Queen	Wrangler's Pardner
GiGi	Little Rascal	Pink Frosting	Spangles	Wrangler's Prairie Fire
Gilded Strawberry	Little Red Wagon	Pink Geneva	Spiced Peach	Wrangler's Ricochet
Glacier Point	Lucky Duck	Pink Girl	Sport of Crimson Frost	Romance
Glow Baby	Lucky Stripe	Pink Philly	Star of David	Wrangler's Rough Rider
Golden Rubies	Luxury	Pink Time	Star of India	Wrangler's Roundup
Gorgeous Bicolor	Lyndy Lou	Pink Velvet	Stormy Night	Wrangler's Sonuvagun
Gorgeous One	Lynn	Pistachio	Sugar Plum Fairy	Wrangler's Twilight Trail
Granger's Calais	Lyon's Whisper Blue	Plum Passion	Summer Silk	Wrangler's Wanderin' Star
Granger's Eternal Snow	Manhattan	Plum Tip	Summer Spice	Wrangler's Yankee Yodler
Granger's Fashionaire	Marie's Pacific Sunrise	Pom Pom Delight	Suncoast Pink Giant	Zippy (Baker)
Granger's Blue	Maroon Frost	Pretty Please	Sunday Morning	Zuri
Fashionaire	Mary Ann	Priscilla	Swan Lake	
Granger's Jim Dandy	Mary Lou	Puerto Vallarta	Sweet Honesty	

# Showcase

## *Smooch Me*

*New Introduction - 1998*

*Hybridized & Grown by: **Kent Stork***

*Standard*



## *Ness'* *Cranberry Lace*

*New Introduction - 1998*

*Hybridized & Grown by: **Don Ness***

*Standard*





*(l-r) Frosted Denim  
Ness' Angel Babe  
Rob's Tippy Toe*

*2nd Best AVSA Mini/Semi Collection*

*1998 AVSA National Show*

*Exhibited by: **Fay Wagman***

# “*And the winners are ...*”



**Mary Corondan**  
7205 Dillon Court  
Plano, TX 75024

**AV COUNCIL OF FLORIDA, FL - Winners:** Best AVSA Standard Collection: Grandmother's Halo, Optimara Louisiana, Satin Wine; 2nd Best AVSA Mini/Semi Collection: Precious Pink, Ness' Cranberry Swirl, Sassy Shirley; Best in Show/Best Standard: Grandmother's Halo; Best Miniature: Spring Peach; Best Semiminiature: Hector; Best Trailer: Pixie Runaround; Horticulture Sweepstakes, **Phyllis King**. 2nd Best AVSA Standard Collection: Ness' Viking Maiden, Makin' Romance, Frosted Whisper; Best AVSA Mini/Semi Collection: Snuggles, Ness' Crinkle Blue, Ness' Satin Rose, **Christel Collier**. Best Species: *Saintpaulia velutina*, **Ron Bannester**. Best Gesneriad: *Episcia* 'Alice's Aussie', **Carol Schreck**. Best in Design; Design Sweepstakes, **Mary Lou Harden**.

**AV COUNCIL OF SOUTHERN CALIFORNIA, CA - Winners:** Best AVSA Standard Collection: Ness' Coral Sunset, Ode to Beauty, Lela Marie; Best in Show/Best Standard: Ness' Coral Sunset; Best Semiminiature: Precious Pink, **Kathleen Rapske**. Best AVSA Mini/Semi Collection: Rob's Boolaroo, Milky Way Trail, Sundown Trail; Best Trailer: Sundown Trail; Horticulture Sweepstakes, **Gini McCanne**. Best Miniature: Rob's Twinkle Pink, **Ann Wang**. Best Gesneriad: *Aeschynanthus micranthus*, **Dee Probert**. Best Design, **Honey Geck**. Design Sweepstakes, **Pat Vinciguerra**.

**AVS OF PHILADELPHIA, PA - Winners:** Best AVSA Standard Collection: Splendiferous, Ruffled Skies, Ode to Beauty; Best in Show/Best Standard: Splendiferous, **Betty Brunson**. 2nd Best AVSA Standard Collection: Dumplin', Windy Day, Rhapsodie Sonja, **Mildred Knorr**. Best AVSA Mini/Semi Collection: Rob's Lilli Pilli, Marion's Enchanted Trail, Rob's Woolloomooloo; Best Miniature: Frosted Denim; Best Trailer: Rob's Lilli Pilli; Best Gesneriad: *xSmithicodonia* 'Behavin', **Marianne Gerson**. Best Semiminiature: Rob's Hot Chocolate; Best Design; Design Sweepstakes, Horticulture Sweepstakes, **Peggy DePhillippo**. Best Species: *Saintpaulia grandifolia* #237, **Judith Smith**.

**DELTA GESNERIAD AND AVS, CA - Winners:** Best

AVSA Standard Collection: Tomahawk, Dumplin', Lavender Spray; Best AVSA Mini/Semi Collection: Irish Flirt, Rob's Calypso Beat, Rob's Dust Storm; Best in Show/Best Semiminiature: Irish Flirt; Best Standard: Dumplin', Best Miniature: Rob's Willy Nilly; Horticulture Sweepstakes, **Oscar Faoro**. Best Trailer: Rob's Willawong; Design Sweepstakes, **Barbara Elkin**.

**GEORGIA AV JUDGES SOCIETY, GA - Winners:** Best AVSA Standard Collection: Mindi Brooke, Sapphire Halo, Coral Glo; Best AVSA Mini/Semi Collection: Topsy, Snuggles Little Dreamer, Precious Pink; Best in Show/Best Trailer: Rob's Sticky Wicket; Best Semiminiature: Precious Pink, **Lois Duval**. 2nd Best AVSA Standard Collection: Hot Spot, Natchurly Nawlins, Texas Dynamo; Horticulture Sweepstakes, **Sarah McGaha**. Best Gesneriad: *Sinningia* 'Emily's Papa', **Margie Kotliar**.

**LAKE SHORE AVS, IL - Winners:** Best AVSA Standard Collection: Ms. Pretty Pink, Ness' Blue Velvet, Powwow; Best Standard: Powwow, **Steven Covolo**. 2nd Best AVSA Standard Collection: Granger's Wonderland, Pueblo, Candy Swirls; 2nd Best AVSA Mini/Semi Collection: Moon Bright, Ness' Mini Sota, Ness' Satin Rose; Best Species: *Saintpaulia orbicularis* var. *purpurea*; Horticulture Sweepstakes, **Morgan Simmons**. Best AVSA Mini/Semi Collection: Pink Playmate, Definitely Darryl, Sassy Shirley; Best in Show/Best Semiminiature: Definitely Darryl; Best Miniature: Petite Jewel, **Janice Bruns**. Best Trailer: Sweet Amy Sue, **Harold Appleton**. Best Gesneriad: *Streptocarpus* 'Suzie', **Anna Jean Landgren**.

**LONE STAR AV COUNCIL, TX - Winners:** Best AVSA Standard Collection: Optimara Barbados, Optimara Tradition, Optimara Haiti, **Joyce Stenger**. Best AVSA Mini/Semi Collection: Precious Pink, Red Bandito, Hector; Best Miniature: Texas Space Dust, **Patricia Tillman**. 2nd Best AVSA Mini/Semi Collection: Hector, Pat Champagne, White Dew, **Richard Nicholas**. Best in Show/Best Trailer: Candy



Fountain, **Marge Savage**. Best Standard: Harbor Blue, **Mary Saunders**. Best Semiminiature: Precious Pink, **Bill Johnson**. Best Species: *Saintpaulia nitida*, **Nancy Goss**. Best Gesneriad: *Smithiantha* 'Riko'; Best Design, **Delores Gibbs**. Horticulture Sweepstakes, **Ken Froboese**. Design Sweepstakes, **Penny Moore**.

**MID-AMERICA AVS, KS - Winners:** Best AVSA Standard Collection: Windy Day, Annabelle, Hoot-n-toot; 2nd Best AVSA Mini/Semi Collection: Sassy Sister, Winnergreen, Rob's Fiddlesticks, **Sue Hill**. 2nd Best AVSA Standard Collection: Ray's Coral Dawn, Ultra Blue Ray's, Aca's Eye Knees, **Raymond Russell**. Best AVSA Mini/Semi Collection: Sassy Sister, Boo Man, Ness' Crinkle Blue; Best Semiminiature: Ness' Crinkle Blue; Best Miniature: Gleeful Elf; Best Trailer: Marion's Enchanted Trail; Best Gesneriad: *Streptocarpus* 'Laverder Rosette'; Best Design; Horticulture Sweepstakes; Design Sweepstakes, **Pat Richards**. Best in Show/Best Standard: Melodie Mia, **Sue Knobbe**.

**NEW YORK STATE AVS, INC., NY - Winners:** Best AVSA Standard Collection: B-Man's Caltanissetta, B-Man's Delia, Perhaps Love; Best in Show/Best Semiminiature: Von's Small Gift; Best Standard: B-Man's Caltanissetta; Horticulture Sweepstakes, **Bruno Curcurato**. 2nd Best AVSA Standard Collection: Optimara Ontario, Party Print, Suncoast Paisley Print; Best Species: *Saintpaulia brevopilosa*, **Carolyn Conlin-Lane**. Best AVSA Mini/Semi Collection: Dean's Aquarius, Magic Blue, Precious Pink, **George McDonald**. 2nd Best AVSA Mini/Semi Collection: Rob's Fiddle Faddle, Rob's Heebie Jeebie, Rob's Perfect Peach, **Rob's Mini-o-lets**. Best Miniature: Dawn Michelle, **Robert McCabe**. Best Trailer: Rob's Boolaroo; Best Gesneriad: *Sinningia leucotricha*, **Edward Bradford**. Best Design; Design Sweepstakes, **Paul Kroll**.

**NORTH CENTRAL ARKANSAS AVS, AR - Winners:** Best AVSA Standard Collection: Happy Cricket, Ness' Glitter Lace, Evangeline; 2nd Best AVSA Mini/Semi Collection: Lyon's Wine Drops, Ness' Satin Rose, Rob's Mad Cat; Best in Show/Best Trailer: Deer Trail; Best Standard: Evangeline; Best Semiminiature: Precious Pink; Horticulture Sweepstakes, **Alice Brown**. Best AVSA Mini/Semi Collection: Pink Skies, Ness' Firefly, Little Jim; Best Gesneriad: *Sinningia* 'Mike's Lilac Time', **Martha Walker**. Best Miniature: Rob's Smarty Pants, **Linda Harkenreader**. Best Design; Design Sweepstakes, **Danny Tidwell**.

**OAKVILLE AVS, ONTARIO - Winners:** Best in Show/Best Standard: Ramses; Best Design; Horticulture Sweepstakes, **Eva Lindstol**. Best Semiminiature: Pay Dirt, **Eileen Filman**. Best Gesneriad: *Chirita* 'New York', **Rita McPhail**. Design Sweepstakes, **Josephina Fitzwilliam**.

**OHIO STATE AVS, OH - Winners:** Best AVSA Standard Collection: Maggie Lee, Ocean Eyes, True Blue Miracle, **Pat Hancock**. 2nd Best AVSA Standard Collection: Tiger, Time Bandit, Emperor, **Janice Carr**. Best AVSA Mini/Semi

Collection: Orchard's Bumble Magnet, Rob's Twinkle Pink, Rob's June Bug; Best Miniature: Orchard's Bumble Magnet, **Ralph Robinson**. 2nd Best AVSA Mini/Semi Collection: Rob's Antique Rose, Rob's Perfect Peach, Rob's Pink Puff, **Betty Schulz**. Best in Show/Best Standard: Jewel Box; Best Trailer: Darling Blue Trail; Best Species: *Saintpaulia rupicola*; Best Design' Horticulture Sweepstakes; Design Sweepstakes, **Cathy Black**. Best Semiminiature: Motley Crew, **Doris Brownlie**. Best Gesneriad: *Nautilocalyx pemphidius*, **Elaine Gordon**.

**SAN MATEO COUNTY AVS, CA - Winners:** Best AVSA Standard Collection: Mikado Red, Grandmother's Halo, Sister Ancilla; Best AVSA Mini/Semi Collection: Definitely Darryl, Precious Pink, Rob's Calypso Beat; Best in Show/Best Standard: Mikado Red; Best Semiminiature: Definitely Darryl; Best Miniature: Rob's Soliloquy; Best Trailer: Dancin' Trail; Best Species: *Saintpaulia confusa*; Best in Design; Horticulture Sweepstakes, **Cathy Cornibe**. 2nd Best AVSA Standard Collection: San Mateo Blues, Miss Santa Cruz, San Mateo; 2nd Best AVSA Mini/Semi Collection: School Bells, Cathy's Fireworks, Little James, **Al Cornibe**. Design Sweepstakes, **Heather Morgan**.

**THOUSAND OAKS AVS, CA - Winners:** Best AVSA Standard Collection: First Child, Flash Fire, Ode to Beauty; Best AVSA Mini/Semi Collection: Precious Pink, Rob's Fuddy Duddy, Ness' Sno Fun; Best in Show: First Child; Best Semiminiature: Precious Pink; Best Miniature: Rob's Doohickey, **Arlene Pappas**. Best Trailer: Sante Fe Trail; Horticulture Sweepstakes, **Carroll Gealy**. Best Gesneriad: *Episcia* 'Karlyn', **Leslie Cox**. Best Design, **Barbara Burde**.

**TRI-STATE AV COUNCIL, NY - Winners:** Best AVSA Standard Collection: Optimara Oklahoma, Rhapsodie Fenja, Optimara Van Gogh, **Rhona Thurman**. 2nd Best AVSA Standard Collection: Splendiferous, Picturesque, Yasuyo; Best AVSA Mini/Semi Collection: Ness' Crinkle Blue, Red Bandito, Rob's Boondoggle; Horticulture Sweepstakes, **Ron Ennis**. 2nd Best AVSA Mini/Semi Collection: Rob's Calypso Beat, Rob's Dust Storm, Fantastic Fantasy; Best in Show/Best Trailer: Perk Up, **Joe Palagonia**. Best Standard: The Alps; Best Semiminiature: Pixie Grin; Best Miniature: Petite Jewel, **Bob Kurzynski**. Best Species: *Saintpaulia diplotricha* Punter #7, **Carol Ann Burrell**. Best Gesneriad: *Chirita linearifolia*, **Edward Bradford**. Best Design; Design Sweepstakes, **Karyn Cichocki**.

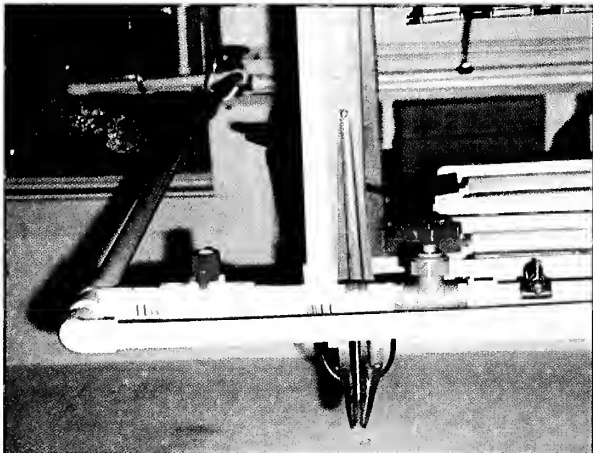
**WISCONSIN COUNCIL OF AV CLUBS, WI - Winners:** Best AVSA Standard Collection: Picasso, Lela Marie, Fantasy Maker; Best Trailer: Sweet Amy Sue, **Eric West**. Best Semiminiature: Rob's Snake Charmer, **Nancy Braun**. Best in Show/Best Standard: Kev's Meteor Shower; Best Species: *Saintpaulia* Robertson, **Kevin Degner**. Best Miniature: Mickey Mouse, **Meredith Roe**. Best Gesneriad: *Sinningia* 'Pink Threat', **Fay Skews**. Best Design; Horticulture Sweepstakes; Design Sweepstakes, **Arlene Garvens**.

# A MODERN IRRIGATION SYSTEM AT "DAVE'S VIOLETS"

by David Harris • Springfield, MO



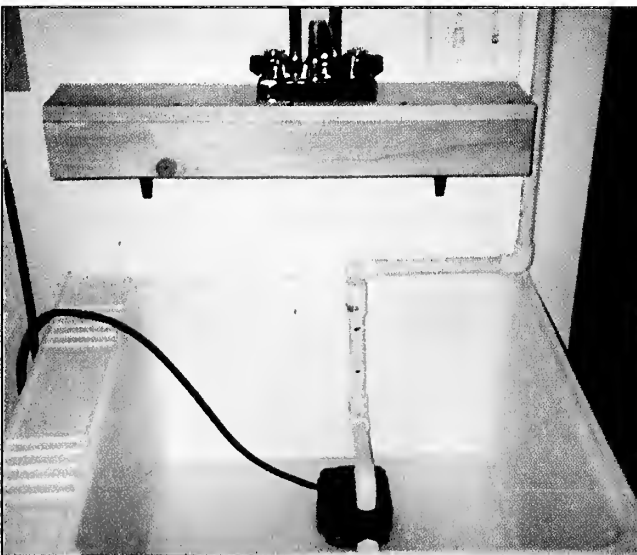
*Plant room - Getting ready for the annual Mother's Day Sale.*



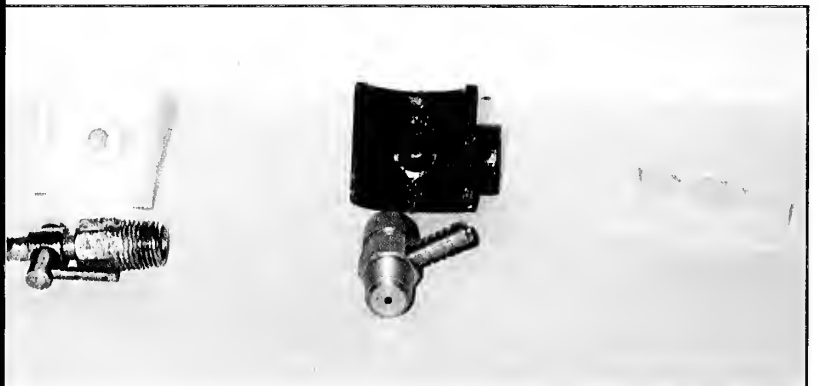
*Master valve -  
Standard valve  
and brass micro  
valve set up.*



*Plant room - Overview of  
irrigation system set-up.*



*Tub set-up with hot and cold water,  
the pump and switch on the wall.*



*Valve and saddle choices. I chose the center set as the long barrel  
on the saddle on the left would leave water in the line.*

From the beginning of my African violet operation I knew there must be a simple, comprehensive way of watering and fertilizing my plants. I started carrying two-liter bottles and progressed to running the hose I use to flush and fill my aquarium (At one time I raised and sold tropical fish and I still have some of the equipment I used—including the fill hose which connects to the kitchen faucet with an adapter).

Then I had my garage converted to a mini greenhouse. The plant room is adjacent to the breezeway between the kitchen and my former garage. Prior to the conversion, I raised most of my plants in the breezeway. I now use the breezeway for propagation and grooming my show plants. The garage was adapted by installing a new floor and three stands—rows of shelves. Each row has five levels. Two stands are along the opposite walls and the third is down the center.

As I started filling the shelves with violets I realized that I was spending valuable time watering plants when I could have been propagating and repotting, etc. As I sought an easier and faster way to irrigate, I had the idea of using the materials I had used in raising tropical fish to speed up the watering process—instead of pumping air into the fish tanks, I could pump water and fertilizer to the fifteen shelves (155 multi-plant trays).

First step was to install a laundry tub in the plant room and plumb it with hot and cold water lines from the house. The next step was to place a submersible centrifugal pump in the tub—it is powered from a switched electric outlet next to the tub.

Next, I ran 1/2" pvc pipe to each of the shelves from the tub. To control the water/fertilizer to each individual tray, I needed a series of three types of valves: a master ball valve to control the supply to each stand; a standard stem valve to control the flow to each shelf; and a brass micro valve with clear 1/4" vinyl drip tubes to each of the trays. The brass micro valves were inserted into plastic saddles which were installed in the pvc pipe and located above each tray. The drip

tubes are the same as I used to pump air into my fish tanks.

With this system it is possible to service each of the three stands (one stand at a time—stand one, forty-five trays; stand two forty-five trays; and stand three sixty-five trays) in four to five minutes. This system enables me to control the flow to all trays simultaneously or even one tray exclusively and to balance the flow so that each full tray receives an appropriate (usually forty ounces) amount of solution. Partially loaded trays receive proportionately less solution. Therefore it is possible to service every tray in each stand simultaneously—or just a single tray. It is also possible to selectively irrigate fifty-six multi-plant trays on all three stands simultaneously with forty ounces of solution each (approximately seventeen and a half gallons). Prior to irrigating, the water/fertilizer solution is mixed in the tub which is filled to the 20-gallon mark.

I have considered several other watering systems—the water pressure reducing system used in some greenhouses, the emitter system which used several emitter sizes (because the emitters are not adjustable) to equalize the flow, and other less desirable systems.

The system I decided to use is very simple and infinitely adjustable. The total cost was quite reasonable because it utilizes all off-the-shelf parts. Whereas other systems would have cost nearly \$1,200, this system cost an economical \$700.

My desire is to constantly upgrade my operation—to minimize tedious, repetitive operations and to devote the time saved to work on improving the quality as well as the quantity and variety of my African violet stock.

I would like to thank the commercial growers and hobbyists for their interest and to share this description of my irrigation system with you. If I can supply any more information, please contact me at e-mail [plantman@cmaster.com](mailto:plantman@cmaster.com) or:

**David Harris**

1372 S. Kentwood Ave.  
Springfield, Mo. 65804-0220



# Boyce Edens Research Fund

Marlene Buck • 17235 N. 106th Avenue  
Sun City, AZ 85373-1958

Donations received from September 30, 1998 - November 30, 1998

MKO Dynamite Club, Joplin, MO . . . . . \$25.00	Conrad N. Nelson, Minneapolis, MN . . . . . \$2.00	Seattle AVS, Seattle, WA . . . . . \$25.00
Bergen County AVS, Hackensack, NJ . . . . . 25.00	Jo Rivard, Suisun City, CA . . . . . 7.00	<i>In memory of long time SAV member</i>
AVSA 1998 Sacramento Convention Fund . 200.00	Annie Belle Perry, Trenton, NJ . . . . . 10.00	<i>Darlene Hascoolidge</i>
Ohio State AVS, Columbus, OH . . . . . 100.00	Janet Mischler, Chugiak, AK . . . . . 2.00	Shirley Liu Fong, Burlington, MA . . . . . 5.00
San Jacquin AVS, Stockton, CA . . . . . 15.00	Joan Baker, Thief River Falls, MN . . . . . 2.00	Bea Sumrow, Camarillo, CA . . . . . 5.00
Northern CA Council of AVS . . . . . 25.00	C. Timothy Featherston, Webster, TX . . . . . 2.00	Barbara D. Perrott, Newburg, NY . . . . . 2.00
Hudson Highlands AVS, Cornwall, NY . . . . . 25.00	Gail Podany, Minnetonka, MN . . . . . 10.00	Papathi D/O Marimoto, Singapore . . . . . 10.00
<i>In lieu of speaker's expenses for Karyn Cichocki</i>	Louisiana Council of AV Judges & Growers,	Mike Lovell, San Antonio, TX . . . . . 2.00
Tennessee Valley AV Club, Knoxville, TN . . . 37.43	New Roads, LA . . . . . 25.00	Lucinda J. Muni, Wyckoff, NJ . . . . . 5.00
<i>From the disbanded Tennessee Valley AV Club</i>	Tampa AVS, Tampa, FL . . . . . 25.00	Elizabeth Warren, Cambridge, MA . . . . . 25.00
<i>to continue on in our tradition of our love of</i>	<i>In memory of Duncan S. Ritchie</i>	Mildred Ockey, Long Beach, NY . . . . . 5.00
<i>African Violets</i>	Carla Yambert, Murray, KY . . . . . 7.00	John D. Sullivan, Danville, VA . . . . . 3.00
Lois E. Fox, Champaign, IL . . . . . 5.00	Stacey H. Gianoplos, Oak Park, MI . . . . . 10.00	First Goldsboro AVS, Goldsboro, NC . . . . . 25.00
Joan Porter, Fairfax, VA . . . . . 5.00	Bellflower AVS, Long Beach, CA . . . . . 10.00	First Goldsboro AVS, Goldsboro, NC . . . . . 25.00
Derald Richards, Jr., Eagle Creek, OR . . . . . 1.00	<i>In memory of Isabelle Hockney</i>	<i>In honor of Porter Temple</i>
Stephen Maruszak, Westport, CT . . . . . 1.00	The Hoosier AVS, Chicago, IL . . . . . 10.00	Howard A. Ray, Niskayuna, NY . . . . . 7.00
Marie Rafferty, Broomall, PA . . . . . 2.00	<i>In memory of Helen Mitchell</i>	

## AVSA Building and Maintenance Fund

Helen Blanton  
622 Riverside Drive  
St. Charles, MO 63304

Donations received from  
October 1, 1998 - November 30, 1998

Ms. Joanie Sleeper, Wichita Falls, TX . . . . . \$15.34
Ms. Bea Sumrow, Camarillo, CA . . . . . 5.00
Ms. Barbara D. Taswell-Miller, Tulsa, OK . . . . . 2.00
Ms. Lucinda J. Muni, Wyckoff, N.J. . . . . 5.00
Ms. Tamie Tachikawa, Tokyo, Japan . . . . . 4.50
Ms. Mildred Ockey, Long Beach, NY . . . . . 3.00
Mr. Jack Record, North Bay, NY . . . . . 12.00
Ms. Diane Adamo, Long Beach, NY . . . . . 7.00
Mr. John D. Sullivan, Danville, VA . . . . . 3.00
Windsor African Violet Society, Hartford, CT . . . . . 15.00
<i>In lieu of speaker fee to Roger Wheeler</i>
Dunlap Enterprises, Hillsboro, MO . . . . . 25.00
Central Jersey African Violet Society, Fords, NJ . . . . . 10.00
Ms. Joyce C. Williams, Bartlesville, OK . . . . . 2.00
Sweet Water African Violet Society, East Islip, NY . . . 10.00
Chun Miao Yeh, Taipei, Taiwan . . . . . 5.00
Ms. Elizabeth Burke, New Providence, NJ . . . . . 5.00
<b>Total . . . . . \$128.84</b>

## AVSA BOOSTER FUND

Bill Lyons  
38 Indian Creek Drive  
Levittown, PA 19057

Contribution from 1 October to 30 November

Shirley Berger, Sebring, FL . . . . . \$10.00
Ohio State AVS, OH . . . . . 50.00
Rocky Mountain AV Council, CO . . . . . 26.00
<i>AVSA \$1.00 rebate per new member for</i>
<i>obtaining the most new AVSA members</i>
Annie Belle Perry, Trenton, NJ . . . . . 10.00
Felicia Throop, San Diego, CA . . . . . 20.00
Janet Mischer, Chugiak, AK . . . . . 2.00
Yoko Hachisu, Tokyo, Japan . . . . . 20.00
Virginia L. Humes, Cordova, AK . . . . . 10.00
Ivonne Hermosilla, Concepcion, Chile, SA . . . . . 3.50
Lucinda Muni, Wyckoff, NJ . . . . . 5.00
Papathi D/O Marimoto, Singapore . . . . . 10.00
John D. Sullivan, Danville, MD . . . . . 3.00
Barbara Werness, Coon Rapids, MN . . . . . 5.00
Mildred Ockey, Long Beach, NY . . . . . 3.00
Anita Harold, Tucson, AZ . . . . . 10.00
Anonymous, New York, NY . . . . . 12.00
Rocky Mountain AV Council, CO . . . . . 25.00
<i>In fond memory of Katherine Brago. She was always</i>
<i>eager to share her knowledge, her plants, her time and</i>
<i>her energy with all.</i>
Sweet Water AVS, Islip, NY . . . . . 10.00
Chun Miao Yeh, Taipei, Taiwan . . . . . 5.00
Columbus AVS, Columbus, OH . . . . . 10.00
<b>Total: . . . . . \$249.50</b>

# Be Aware!

by Lola Rossi  
San Mateo, CA

1997-1998 was a disaster for my African violet collection! While I have been aware that over-fertilizing when the soil is not acid enough can seriously damage African violets, and that adding a drop or two of vinegar to my water when this happens will most often straighten out my plants, I ran into a totally new problem.

I often read the labels of my violet fertilizers because I try to give high nitrogen to baby plants and then when I feel they are ready to bloom, I switch to 'bloom' food. And though I am fussy about my plant soil and have found a lot of commercial African violet soils to be too heavy and with too many water-retention problems, I will purchase a new variety if it looks moist and soft through the plastic bag and especially if it is produced by a well-known company. However, I have never stopped long enough to read any of the material on the labeling of the packages as to what the ingredients are.

Unfortunately, for me and my violets, sometime last year my local stores carrying planting mixtures and soils started carrying a new product - both labeled for African violets and as regular planting mix for any plants. This soil is produced by a very well-known and dependable company (they shall remain nameless because I do feel their products in general are excellent). Since the soil looked wonderful through the plastic package, I quickly purchased several, added some of my own peat moss, sterilized the soil mixture as I normally do and then proceeded to plant some of my new baby seedlings and also repot any older plants that needed it, in this new soil.

Most of my babies failed and the few that did survive are not doing well at all. All of my established, mature plants started 'bunching' up in the centers and I have not had any blooms all this year.

When I saw the centers start to bunch up, I started adding a few drops of vinegar to my water each week and I saved most of my mature plants. However, I continued to fertilize each week, and the plants have just 'sat there' and refused to bloom. I gave them extra light and warmth - nothing worked.

Then one day as I was purchasing a new supply of what had become my favorite violet soil, my eye caught on

some numbers on the front of the package and I stopped short and read all the labeling. I then realized that the colored specs I had noticed in my soil were in fact fertilizer. That meant, that the slow-release fertilizer that came with my soil and the fertilizer which I was giving each week were WAY TOO MUCH for healthy, normal, blooming plants! As reality dawned, I was sure that was what had been wrong with my plants.

I then sent for a large supply of Optimara violet soil from The Selective Gardner (see ad in your African Violet Magazine) as this soil, which I have had in the past and which is just wonderful, is apparently not available in the San Francisco Bay Area where I live. I also ordered a supply of Optimara fertilizer inasmuch as almost 100% of the fertilizers available in this area (I read all the labels these days) have various amounts of nitrogen derived from urea. Violets apparently do not like urea of any kind, and the Optimara fertilizer is advertised as being absolutely urea-free.

At any rate, I waited for my new fertilizer to arrive from the Selective Gardner and I repotted all my violets as I had time, in my new Optimara soil (with no fertilizer) in order to encourage my mature violets to start blooming. I feared that the time-release feature in the other soil would affect them for months to come.

Last year I redid my kitchen and since I have a lovely area behind my corner sink which is perfect for a small wrought-iron stand which can house 4 violets (it receives a lot of light and warmth from a window just above the area), I like to have some violets in bloom on this stand. This makes my new kitchen look that much prettier. Well, with my above problems, I just didn't have a thing to place there. I have been purchasing pretty Optimara violets in full bloom from my local garden center the past few months in order to always have blooming plants in the kitchen, and now I fear that my collection is getting too large to house properly!

I would caution all of you growers to read the labeling on what you purchase and aim for soils free of time-release fertilizer and fertilizers free as possible of nitrogen produced from urea, as you could well develop some of the problems this writer has experienced.

Happy Growing!



# rowing African Violets *Deep in the Heart of Texas*

My wife, Jan, has been growing African violets for over thirty years. Since I was in the military, we traveled and moved numerous times before I retired in July, 1990, with twenty-plus years. It was hard to grow plants knowing we would be moving on in two to three years. We moved over sixteen times in twenty-plus years. Jan was very determined, though, and always had a few African violets.

While stationed in Taif, Saudi Arabia, we were on vacation in Germany to drop our daughter off in Munich to go to college. My wife did not have any African violets in our villa (home) back in Taif. She saw a small African violet plant in the dead of winter and purchased it. We traveled around Germany, for the next week to ten days and she had to carry this plant with her every place we went, for it was too cold to leave in the car. She carried it back into Saudi aboard military aircraft in a small potato chip container. She raised this plant with its babies, and when we received orders to return to the USA she gave her collection of plants and babies to the wives of some of the Saudi officers and some of the civilian women.

On return to the USA, I was assigned to Fort Hood, Texas. Jan read in the local newspaper about an African violet show and sale sponsored by Cen-Tex Rainbow AVS. She had to attend the show to purchase African violets since she was not able to bring plants with us from Saudi Arabia. She attended the show, met the wonderful members and joined their club. Jan was later introduced to a very lovely lady whose plants she happened to be growing. This lady was a judge at the show and after the show Jan talked about how she hybridized the most perfect small plants. Jan was already into growing African violets, but this person hooked her for life. Hortense Pittman was the wonderful lady and the perfect plant was 'Precious Pink'.

I built her first plant stand - a four tier, four foot PVC stand with shop lights. That one plant stand grew to two, then three stands and had to have Volkmann light fixtures. The light tubes had to be changed from cool white to Gro-Lux wide spectrum tubes, which we still use today.

After I retired from the military in Fort Hood, we moved to the Dallas metroplex, but lived approximately 50 miles out in the country. Jan was given the telephone

number of a couple who lived in Mesquite, Texas, who could assist her in locating a club. Through the kindness of Paula and Bill Foster, she became a member of the Alpha AVS of Dallas.

Since we lived so far away from the meeting place, I attended with her because she wouldn't get home until late. Then, I started getting interested and involved in African violets. I joined the club and followed my wife into the world of growing, showing and judging African violets. Jan is a senior judge and I'm an advanced judge. We are both Life Members of AVSA.

Our area required for growing African violets increased, and we now have a plant room and additional plant stands in the bedrooms. We also grow *Saintpaulia* species, gesneriads and do some designs. My design capability is very limited, but Jan does all designs (Interpretive Flower/Plant Arrangements and Containers Gardens). We have both received the tri-color for Best in Design and she has received the tri-color for Best in Show - Horticulture.

We attend local affiliate shows, Lone Star African Violet Council shows/conventions, Dixie African Violet shows/conventions and AVSA shows/conventions. We have both served as president and show chairman for our local affiliates and show chairman for the Lone Star African Violet Council show. But our main love is growing African violets.

We feel the important factors in growing show plants are:

- Selection of the plant
- Growing conditions
- Grooming

We try to select both proven winners and new hybrid plants. We always check the winner's lists and best varieties lists from the AVM to possibly add to our collection. Then we check out the new hybrids from the hybridizer's lists each year. We have always loved the Pittman's small plants and are growing some small new plants from Dean's in San Antonio and Kyle Coleman in Fort Worth. These appear to have a lot of potential for a show plant. We also grow new ones from Lyon's, Rob's and Ness' to name a few, but being Texans, we support our local hybridizers.

The main reason to support hybridizers is that these people are the future of African violets and need the members of AVSA to buy and promote their plants. If we do not support our hybridizers, they will not be able produce new varieties for future growing.

In selecting a new plant, the foliage should have an even growth pattern with each row of leaves overlapping the prior row. Ensure there are no gaps or spaces between the leaves. The bloom stalks should have an abundance of blossoms and stand up over the foliage as an even 'halo'. Ensure that the plant is growing true to the description from the hybridizer's list or the AVSA Master Variety List. The plant should be free of pests and disease.

Your own growing conditions will depend upon your maintaining a consistent, established location for your plants. You need to establish the temperature, light time, feeding and repotting schedule. This location is the highlight of your home. We have a room off our family room, an enclosed patio with its own air conditioner system for the hot summers of Texas. We try to maintain a temperature of approximately 70° to 75° the year around.

We have five plant stands with mainly Volkmann light fixtures in the plant room. We use individual wick reservoirs for most of our plants with some larger plants in Swift's Moist-Rite planters. The lights are on timers and are on approximately eight hours daily, and up to twelve during the final weeks before a show. We never increase or decrease the lights more than one hour per week. We change out the tubes when they burn out and never add two new tubes at the same time. We normally use Gro-LUX wide spectrum tubes.

Peter's Fertilizer is used, (20 - 20 - 20) as a constant feeder, (we have a supply of the older Peter's with less urea nitrogen) and a bloom booster fertilizer before the show. We normally like to try it out on a new variety prior to show time, because on some plants it does not produce the desired effects. You should never try somebody else's methods until you have checked them out on just a few of your own plants. Sometimes, somebody else's growing conditions are different, therefore, you do not get the same results.

We try to repot the plants selected for show every four to five months, using Bill Foster's African violet mix. This mixture is very good for this area of Texas. We recommend that you try some of his African violet mix on a few of your plants.

### **Bill Foster's Soil Recipe**

12 gallons Sunshine peat moss  
6 gallons perlite  
6 gallons vermiculite (Bill prefers the coarse vermiculite)  
1 gallon Baccto potting soil  
approximately 1 cup dolomite

Bill uses a cement mixer as his "blender" and mixes in large quantities because he doesn't like to get dirty! He usually mixes 100 gallons at a time and stores it in large covered plastic garbage cans.

Our small plants are normally in 2 1/8" or 2 1/4" pots with a wick watering system. We have purchased some Oyama self-watering pots for the small plants, but do not have enough experience yet to comment. We like to try different methods to find a system that will take the work out of growing. (We're still looking for that system.)

Grooming is always a never-ending task in growing African violets for show. We start with a young plant, or a plant that is broken back after a show. I have been showing the same 'Snuggles' for over five years. It has won the Best in Class at local, state and national shows. It is one of my favorites and was given to me by a club member when I joined the club. I just break it down after each show and start over. Ensure that the plants are centered in the pot and below the lip of the pot. I like to plant down so I may remove a row of leaves before the show to improve on the symmetry of the foliage. Then I can put a small amount of soil around the neck where the leaves are removed.

Each time we water the plants, I turn the plant foliage approximately 1/3 of the way around. This helps to ensure it is getting the necessary and same light. I remove any damaged or bad leaves at this time. The plant is allowed to bloom once to ensure it is blooming true, then the show plants are disbudded. The plants remain disbudded until five to seven weeks before the show, depending on how long it will take to maximize show potential for each plant. Each of our show plants will have a leaf support. If the symmetry needs some improvement, we will place a small stick into the soil and against the leaf stalk to close a gap. After a few weeks the stick can be removed and the gap is usually gone or smaller. We have placed a wire tie-down into the soil, over a leaf stalk to assist in holding the leaf down when it wants to stick up. We clean and brush the foliage to ensure the leaves are free of dust, as they do better if they are clean.

We enjoy growing African violets and making lifetime friends with the members of AVSA. We look forward each year to the Lone Star and AVSA convention and have a great time at the different locations. See you all in Houston! Wear your boots and hats, be a true Texan!



# SOIL MEALYBUGS AND THEIR CLOSE FRIENDS, THIRPS AND CYCLAMEN MITES

by Pat Hancock  
West Chester, OH

The old adage, "An ounce of prevention is worth a pound of cure," should always be our motto when growing African violets.

It is so much easier to prevent a problem from happening than it is to cure the problem after the fact. You may think this one little plant looks fine and couldn't possibly have anything wrong with it, and a month later discover sadly that you were wrong and now every plant within a mile of that little plant looks sick.

There are three preventative measures that I would like to recommend to you.

1) Sterilize all soil products in an oven or microwave. Moisten soil and cover so that steam escapes. In a conventional oven, heat to 180° internal temperature.

2) Isolate any new plant material, including leaves, for at least two months. Use plastic bags, clear boxes, etc.

3) When bringing plants home from a show, disbud COMPLETELY, and do not return them to your plant room for at least two months.

If you follow these three precautions, your chances of keeping a happy and safe environment for your plants will be greatly increased.

If you fail to do one or more of these things, chances are you will one day have a problem with one or more of the three most common African violet pests; Soil Mealybugs, Thrips, or Cyclamen Mites. Once you have one of these pests, they can go through your collection in record time.

Assuming you have failed to follow one or more of these precautions and you now have soil mealybugs in some of your plants, what is the best thing to do?

1) If you do not need the plant, you can take a leaf, wash it in a solution of 1 part Clorox to 30 parts of water plus a few drops of a dish detergent. Plant it into sterile soil and throw the old plant with the soil, away.

2) If it is a plant that you feel you cannot live without,

my best plan of attack is as follows: Knock the plant out of the pot and clean all of the soil from the roots. In most cases, there won't be very many roots, only a few brown ones at best. Take off the bottom row of leaves and clean the neck of old crust. Lay the plant on a sheet of newspaper and spray the roots on all sides with PT1300 (Orthene). Be sure to turn as you spray until all sides of the root ball have been sprayed. Let air-dry for 10 to 15 minutes and replant in sterile soil. Place in a greenhouse environment for two to three weeks. Sounds like a lot of trouble, but worth it if you have an infected plant that you just can't bear to lose. Be sure to wear plastic gloves and follow directions on the PT1300 spray can.

3) The other alternative is to use one of the systemic insecticides that are now on the market. Bear in mind that anything you put in your soil to kill mealybugs could also make you very sick if you don't take proper precautions. It is very easy to get careless with insecticides after you have been using them for awhile. Some of the ones that seem to work well are Diazinon, Enstar II, Pinpoint, and Thiodan. A new and very expensive one called Marathon is said to be very good by some who have tried it.

It is my feeling that any of these if used for any length of time may also damage the plants. If it is your choice to use any of the systemics, be sure to read carefully all of the precautions on the label and follow them for as long as you use the product.

The second pest that is often picked up at shows or from plants in your yard is thrips. It is said that it takes only one thrips to multiply and I believe it. Here again, prevention is best, and the reason we disbud after a show is to avoid them hitch-hiking home with us. However, they can hide in places other than the blossoms and you should still isolate for two months after a show.

If you find that your prevention methods have failed and you do have thrips on your plants, what are your choices?

1) The first thing is to disbud every bud and blossom from every plant in the area. Thrips feed on pollen and

cannot live forever without it. Be sure to get even the tiniest of buds.

2) You do need to spray your plants, being very careful to wear a mask, gloves, etc.. PT1300 is my choice (Orthene). Bill Foster recommended in this magazine that we should spray the inside of our show boxes with Orthene before going to a show, then put the plant in and close the box. This practice, if followed by everyone, could greatly reduce the chances of picking them up at a show. There are other sprays that will kill thrips, but most will also damage the blossoms. PT1300 does not damage the blossoms. Several of the aforementioned systemics will kill thrips as well as soil mealybugs, but again, be very careful if you choose to use them.

The third most prevalent violet enemy is the Cyclamen mite. They are extremely contagious and can ride into your

home on your clothes. They are found in backyards, garden stores, violet shows, and again, prevention is by far the best choice. Do not go into your violet room in clothes that you have worn outside around other plants. Isolate any plants that you might bring in from outdoors for the winter. If you find tight centers and strange center growth, chances are you may have picked up Cyclamen mites. My first choice to get rid of this pest is, Avid sprayed once every five days for about one month. There are other things you might use, but most are more toxic to plants and humans and Avid really does the trick if you use it according to directions.

These are the three most common pests and the ways I would choose to deal with them. I'm sure there are other ways that others may choose, but always bear in mind that most of us are growing violets in our homes where our families live. There can be severe consequences if we are not very careful. ALWAYS think "PREVENTION" first!



# Ah, Youth!

by Barbara Elkin  
Auburn, CA

I have often said that "I would not want to raise children at this time", with all the negatives they must contend with: drugs, gang wars, drive-by shootings, alcohol and promiscuity. Children just don't have a chance to grow up healthy and wholesome anymore.

I am afraid I'll have to change that thought just a bit and introduce you to Heath and Heather Borck.

These are the two children of Byron and Elizabeth Borck of Santa Rosa, California. You might remember this family as Byron was my Vice-Convention Chair last April at the AVSA Sacramento Convention. Heath and Heather were, in fact, my legs. Without these two, I am afraid I would have had a time hoofing it to and from the hotel. For those of you who didn't attend, the hotel was spread out *all over the place*.

Last November, I had the opportunity to have these two youngsters in my Judging School Class given in Pittsburg, California. Both passed with high grades. (The lowest grade for this school was 92). Well, lots of students pass with high grades, but what makes these two any different? Heather is

eleven and Heath is twelve! That's a big difference as far as I am concerned.

I checked with Bill Foster, AVSA Shows and Judges Chairman, and as far as he can tell, these two are the youngest to ever take and pass an AVSA Judging School. I am not surprised at this though; they have both entered in the collection classes and won. How often do you see two children this age win best collection or best in show? Yes, they do both. Heather's expertise is minis and semis, Heath thinks more of the trailers and gesneriads.

Now a year later, I have given another class here in Sacramento. These two fine children took a refresher course. What's new about that? Their grades were even higher than they were last year.

My hat is off to Byron and Elizabeth for raising two wonderful and gifted children. There is also something else to remember: in due time AVSA will be in the hands of our younger members. I am not even the least bit worried if all the hands are as good as these two.

# Coming Events



## March 5 & 6 - FLORIDA

Central Florida AVC Show  
Beardall Senior Center  
800 S Delaney Ave  
Orlando, FL  
Mar 5 - noon - 4pm  
Mar 6 - 10am - 4pm  
Info: Evelyn Briggs (407) 322 - 1409

## March 6 & 7 - ARIZONA

Tucson AVS  
ElCon Mall  
E. Broadway @ Swan  
Tucson, AZ  
Mar 6 - 9am - 9pm  
Mar 7 - 11am - 5pm  
Info: Cindy Baker (520) 325 - 0752

## March 6 & 7 - ALABAMA

Capital City AVS  
Southern Homes & Gardens  
Hwy 231 North  
Montgomery, AL  
March 6 - 2pm - 5pm  
March 7 - 1pm - 4pm  
Info: Barbara Strock (334) 567 - 6811

## March 6 & 7 - LOUISIANA

Baton Rouge AVS Show/Sale  
Baton Rouge Garden Center  
7950 Independence Blvd  
Baton Rouge, LA  
Mar 6 - 2pm - 5pm  
Mar 7 - 11am - 3pm  
Info: (225) 928 - 2270

## March 11 - 13 - TEXAS

First Dallas AVS,  
Alpha AVS and First Nighter AVS  
Combined Show/Sale  
Richardson Square Mall  
Beltline & Plano Rd  
Richardson, TX  
Sale - All Days - 10am - 9pm  
Show - Mar 12 - noon - 9pm  
Mar 13 - 10am - 9pm  
Info: (972) 278 - 0389

## March 13 & 14 - CALIFORNIA

South Coast AVS Show/Sale  
South Coast Botanic Garden  
26300 Crenshaw Blvd  
Palos Verde Peninsula, CA  
Mar 13 - noon - 4:30pm  
Mar 14 - 9am - 3pm  
Info: Ralph Breden (310) 373 - 5697

## March 13 & 14 - FLORIDA

Fantasy AVC of Spring Hill  
6th Annual AVSA Judged Show/Sale  
Hernando Community Blood Bank  
Rt 50 (Cortez Blvd)  
Spring Hill, FL  
Mar 13 - 11am - 6pm  
Mar 14 - noon - 3pm  
Info: Linda Nelson (352) 799 - 0973

## March 13 & 14 - CALIFORNIA

Central CA AVS Display/Sale  
Manchester Mall  
1901 E Shields Ave  
Fresno, CA  
Mar 13 - 9am - 3pm  
Mar 14 - 11am - 3pm  
Info: Stanley Barnes (559) 294 - 8650

## March 13 & 14 - FLORIDA

AVS of Pensacola Annual Show/Sale  
Scottish Rite Bldg  
2 E. Wright St  
Pensacola, FL  
Mar 13 - 2pm - 6pm  
Mar 14 - noon - 5pm  
Info: Sarah Richardson (850) 968 - 1115

## March 19 - 21 - MINNESOTA

Lakes Area Violet Growers Show/Sale  
Har Mar Mall  
Co. Rd. B & Snelling  
Roseville, MN  
Mar 19 - 10am - 9pm  
Mar 20 - 10am - 6pm  
Mar 21 - 11am - 6pm  
Info: Robert Aurandt (651) 771-9948

## March 19 & 20 - CALIFORNIA

Pomona Valley AVS Judged Show/Sale  
The Church of the Brethren  
2175 Bonita Ave  
LaVerne, CA  
Mar 19 - 1pm - 6pm  
Mar 20 - 9am - 4pm  
Info: Marilyn McQuown (909) 672-7353

## March 19 & 20

First AVS of Denton Show/Sale  
Erwin Hall, First Presbyterian Church  
1114 W University Dr  
Denton, TX  
Mar 19 - 1:30pm - 7pm  
Mar 20 - 10am - 4pm  
Info: Eunice Curry (940) 382-6465

## March 20 & 21 - COLORADO

Rocky Mountain AVC  
Denver Botanic Gardens  
1005 York St  
Denver, CO  
Mar 20 - 1pm - 4:30pm  
Mar 21 - 10am - 4pm  
Info: Nelly Levine (303) 423 - 6072

## March 20 & 21 - TEXAS

First Austin AVS Show  
Zilker Park Club House  
Zilker Park  
Austin, TX  
Both Days: 10am - 4:30pm  
Info: Jeanette Pursley (512) 243 - 2289

## March 20 & 21 - NEW YORK

Sweet Water AVS  
24th Annual Judged Show/Sale  
West Sayville Fire Dept. Hall  
Montauk Hwy & Atlantic Ave  
West Sayville, NY  
Mar 20 - 2pm - 5pm  
Mar 21 - noon - 5pm  
Info: (516) 581 - 8116

## March 26 & 27 - TENNESSEE

Memphis AVS Show/Sale  
Memphis Botanic Garden  
750 Cherry Rd  
Memphis, TN  
Both Days: 9am - 5pm  
Info: Judy Ellis (901) 377 - 9116  
Brenda Brasfield (601) 895 - 2002

## March 26 - 28 - MINNESOTA

AVS of Minnesota Show/Sale  
Maplewood Mall  
Hwy 694 & White Bear Ave  
St. Paul, MN  
Mar 26 - 10am - 9pm  
Mar 27 - 9:30am - 8pm  
Mar 28 - noon - 6pm  
Info: (612) 571 - 6703

## March 26 & 27 - NEBRASKA

Lincoln AVS Show/Sale  
East Park Plaza Mall  
220 N 66th St  
Lincoln, NE  
Mar 26 - 10am - 9pm  
Mar 27 - 10am - 5pm

## March 26 & 27 - NEW JERSEY

Union County AVS Exhibit/Sale  
All Saints Episcopal Church  
559 Park Ave  
Scotch Plains, NJ  
Mar 26 - 6pm - 9pm  
Mar 27 - 10am - 4pm  
Info: Jean Peters (908) 276 - 3221

## March 27 - DELAWARE

Delaware AVS Show/Sale  
Boscov's Auditorium in the Concord Mall  
Rt. 202  
Wilmington, DE  
Hours: 10am - 8pm  
Info: Anne Petrucci (302) 652 - 8839  
Angie Celano (302) 994 - 4556

## March 27 & 28 - ILLINOIS

Northern Illinois Gesneriad Society Show/Sale  
Chicago Botanic Garden  
Lake-Cook Road & Edens Expressway  
Glencoe, IL  
Mar 27 - noon - 4pm  
Mar 28 - 10am - 4pm  
Info: Nancy Maybloom (847) 882 - 4652  
email: hsmay@aol.com

## March 27 - CONNECTICUT

Windsor AVS Judged Show  
Windsor Public Library  
323 Broad St  
Windsor, CT  
Hours: 9am - 3pm  
Info: Vivian Hiltz (860) 828 - 7979





**March 27 & 28 - LOUISIANA**

Jefferson AV Association (JAVA)  
 AVSA Standard Show  
 Lakeside Shopping Center  
 3301 Veterans Blvd  
 (corner Veterans & Causeway)  
 Metairie, LA  
 Mar 27 - 2pm - 9pm  
 Mar 28 - noon - 6pm

**March 27 & 28 - NEW YORK**

Long Island AVS 45th Annual Show  
 John A. Anderson Recreation Center  
 111 North Oceanside Road  
 Rockville Centre, NY  
 Mar 27 - 2pm - 5pm  
 Mar 28 - noon - 5pm  
 Info: Marilyn Daum (516) 379 - 6211

**March 27 & 28 - FLORIDA**

Gulf AV Club Show/Sale  
 Ft Myers/Lee County Garden Council Bldg.  
 2646 Cleveland Ave  
 Ft. Myers, FL  
 Mar 27 - 9am - 6pm  
 Mar 28 - 9am - 5pm  
 Info: Eleanor Duerr (941) 574 - 2489  
 Blanche Foltz (941) 772 - 1056

**March 27 & 28 - IOWA**

Quad Cities AVS Show/Sale  
 Duck Creek plaza  
 Bettendorf, IA  
 Info: Jackie Jones (319) 785 - 6024  
 email: momjones@netins.net

**March 31 - CALIFORNIA**

Town & Country AVS Open House  
 Church of Christ  
 1000 Roosevelt Rd  
 Redlands, CA  
 Hours: 10am - 5pm  
 Info: Rosita Roser (909) 794 - 3696

**April 2 & 3 - NORTH CAROLINA**

Green Thumb AVS Easter Sale  
 Tarrytown Mall  
 301 Bypass & Business 64  
 Rocky Mount, NC  
 Both Days: 10am - 7pm  
 Info: Lucille Prutzman (252) 459 - 3722

**April 3 & 4 - MICHIGAN**

Michigan State AVS Display/Sale  
 Matthaei Botanical Gardens  
 1800 Dixboro Rd  
 Ann Arbor, MI  
 Apr 3 - 10am - 4:30pm  
 Apr 4 - 11am - 2pm  
 Info: Loreen Callentine (517) 345 - 9053

**April 3 & 4 - TEXAS**

Cen-Tex Rainbow AVC  
 15th Annual AVSA Judged Show/Sale  
 Conder Park, Special Olympics Bldg  
 902 Conder St  
 Killeen, TX  
 Apr 3 - 3pm - 5pm  
 Apr 4 - 11am - 4pm  
 Info: Nancy Sneed (254) 542 - 1352

**April 10 & 11 - NEW JERSEY**

AVC of Morris County AVSA Show/Plant Sale  
 Frelinghuysen Arboretum  
 Joseph Haggerty Center  
 51 East Hanover Ave  
 Morristown, NJ  
 Apr 10 - 1:30pm - 5pm  
 Apr 11 - 10am - 4pm  
 Info: Jill Fischer (908) 464 - 4417  
 Roy Goebel (973) 361 - 7689

**April 15 - 17 - TENNESSEE**

Bluff City AVC Show/Sale  
 Oak Court Mall  
 Poplar Ave  
 Memphis, TN  
 Mar 15 - 4pm - 9pm  
 Mar 16 - 10pm - 9pm  
 Mar 17 - 10am - 5pm  
 Info: Marian Zoller (901) 372 - 0283  
 Kathy Hildebrand (901) 386 - 0210

**April 16 & 17 - SOUTH CAROLINA**

First AVS of Spartanburg Display/Sale  
 Foothills Mall  
 I-26 & New Cut Rd  
 Spartanburg, SC  
 Apr 16 - 10am - 6pm  
 Apr 17 - 10am - until sold out  
 Info: Jessie Dennis (864) 578 - 1165

**April 16 & 17 - NEW JERSEY**

Bergen County AVS Annual Show/Sale  
 Old North Reformed Church  
 Washington & Madison Aves  
 Dumont, NJ  
 Apr 16 - 3pm - 9pm  
 Apr 17 - 9am - 5pm  
 Info: Joe DeSimon (201) 261 - 4215

**April 16 & 17 - NEW JERSEY**

Central Jersey AVS Judged Show/Sale  
 First Baptist Church  
 232 Main St (Rt 79)  
 Matawan, NJ  
 Apr 16 - 3pm - 8pm  
 Apr 17 - 9:30am - 4pm  
 Info: (609) 298 - 7333

**April 17 - MISSOURI**

Heart of Missouri AVS Annual Show/Sale  
 Trinity Presbyterian Church  
 Rollins & Manor Dr  
 Columbia, MO  
 Hours: 9am - 3pm

**April 17 & 18 - NEW MEXICO**

Albuquerque AVC 31st Annual Show  
 Albuquerque Garden Center  
 10120 Lomas Blvd NE  
 Albuquerque, NM  
 Apr 17 - 2pm - 5pm  
 Apr 18 - 10am - 4pm  
 Info: Agatha Garrison (505) 384 - 5026

**April 17 - CANADA**

Vancouver AVC Annual Show/Sale  
 Van Dusen Gardens, Floral Hall  
 Oak St and 37th Ave  
 Vancouver, BC, Canada  
 Hours: 1pm - 4pm  
 Admission \$2

**April 17 & 18 - IOWA**

Evening AVC of Des Moines Show  
 Des Moines Botanical Center  
 Apr 17 - 10am - 5pm  
 Apr 18 - 10am - 3pm  
 Info: Kathy Mathews (515) 674 - 4025  
 email: blkbelk@aol.com

**April 17 & 18 - NEW YORK**

AVS of Western NY  
 47th Annual AVSA Judged Show/Sale  
 Walden Galleria Mall  
 Galleria Dr  
 Buffalo, NY  
 Apr 17 - 8am - 9pm  
 Apr 18 - Noon - 5pm  
 Info: Fred Packer (716) 833-4504

**April 17 & 18 - NEVADA**

Reno-Sparks AVS Judged Show/Sale  
 Old Town Mall  
 S Virginia & Peckham Ln  
 Reno, NV  
 Apr 17 - 10am - 6pm  
 Apr 18 - noon - 5pm  
 Info: Diana Thrane (702) 358 - 5689

**April 17 & 18 - OHIO**

AVS of Dayton Show/Sale  
 Towne Mall  
 Exit Rt. 122 off I 75  
 Dayton, OH  
 Info: Pat Hancock (513) 777 - 2524

**April 23 & 24 - WISCONSIN**

Late Bloomers AVS Show/Sale  
 Janesville Mall  
 2500 Melton Ave (Hwy 26)  
 Janesville, WI  
 Both Days: 10am - 9pm  
 Info: Mable Lewis (608) 966 - 3853

**April 23 & 24 - NEW YORK**

New York City AVS  
 Horticultural Society of NY  
 128 W 58th St  
 New York, NY  
 Apr 23 - 2pm - 7 pm  
 Apr 24 - 11am - 5 pm

**April 23 - 25 - MINNESOTA**

North Star AV Council AVSA Judged Show/Sale  
 Northtown Mall  
 Hwy 10 & University Ave NE  
 Blaine, MN  
 Mall Hours  
 Info: Barbara Wemess (612) 754 - 3918

**April 23 & 24 - TEXAS**

First AVS of Dallas, First Nighter AVS of Dallas  
 and Alpha AVS of Dallas Joint Display/Sale  
 Plano Market Mall (Garden Ridge)  
 Ave K @ Spring Creek Pkwy  
 Richardson, TX  
 Apr 23 - 10am - 9pm  
 Apr 24 - 10am - 6pm  
 Info: (972) 278 - 0389

**April 24 & 25 - CANADA**

Lakeshore AVS of Toronto Annual Show/Sale  
 Sherway Gardens Centre Square  
 25 The West Mall  
 Etobicoke, ON, Canada  
 Apr 24 - 11am - 6pm  
 Apr 25 - noon - 5pm  
 Info: Vivian Beeching (905) 279 - 1758  
 Jim Toms (416) 622 - 5243

**April 24 & 25 - ALABAMA**

Montgomery AVS Show/Sale  
 Southern Homes & Gardens  
 Hwy 231  
 Montgomery, AL  
 Apr 24 - 2pm - 5pm  
 Apr 25 - 1pm - 4:30pm  
 Info: Peg Phythyon (334) 567 - 5433



**April 24 - CONNECTICUT**

Thimble Islands AVS Show/Sale  
Canoe Brook Senior Center  
Cherry Hill Rd  
Branford, CT  
Hours: 1pm - 4pm  
Info: (203) 481 - 9455

**April 24 & 25 - NEW YORK**

AVS of Rochester  
50th Annual Judged Show/Sale  
Perinton Square Mall  
6720 Pittsford-Palmyra Rd  
(Rt 250 & 31)  
Apr 24 - 2pm - 6pm  
Apr 25 - 11am - 5pm  
Info: Irwin Wagman (716) 381 - 6384  
email: IrwinWag@aol.com

**April 24 & 25 - WASHINGTON**

Seattle AVS and Puget Sound Gesneriad Society  
Annual Show/Sale  
U of Washington - Center for Urban Horticulture  
3501 NE 41st St  
Seattle, WA  
Apr 24 - noon - 5pm  
Apr 25 - noon - 4pm  
Info: Jean M. Chin (206) 725 - 6494

**April 24 & 25 - CANADA**

Ottawa AVS Annual Show/Sale  
RMOC Headquarters  
111 Lisgar St  
Ottawa, Canada  
Apr 24 - 1pm - 5pm  
Apr 25 - noon - 4pm  
Info: Dick Harriman (613) 747 - 7921

**April 30 & May 1 - ALABAMA**

Early Bird Violet Club Show/Sale  
Birmingham Botanical Gardens  
Birmingham, AL  
Apr 30 - 2pm - 4pm  
May 1 - 9am - 3pm  
Info: Sandra Campbell (205) 755 - 0530 (day)  
(205) 646 - 3542 (evening)

**April 30 - May 1 - VIRGINIA**

Tidewater AVS Show/Sale  
Coliseum Mall  
Hampton, VA  
Mall Hours  
Info: Celesta Cirkl - 479 - 3681

**April 30 - May 2 - NEW YORK**

AVS of Syracuse Show/Sale  
Great Northern Mall  
Route 31  
Clay, NY  
Apr 30 - noon - 9pm  
May 1 - 2pm - 9pm  
May 2 - 11am - 6pm  
Info: Peter or Martha Thompson  
(315) 446 - 0355  
email: pmthomp@dreamscape.com

**May 1 & 2 - CONNECTICUT**

Silvermine AVS Judged Show/Sale  
Nature Center for Environmental Activities  
10 Woodside Ln  
Westport, CT  
May 1 - 1:30 - 5pm  
May 2 - noon - 4pm  
Info: Sylvia Siegel (203) 847 - 5570

**May 1 & 2 - WISCONSIN**

Crosstown & Sundowners AVS Show/Sale  
East Towne Mall  
Madison, WI  
May 1 - 10am - 9pm  
May 2 - 11am - 6pm  
Info: Nancy Braun (608) 271 - 7796

**May 1 & 2 - WISCONSIN**

Oshkosh AVS 19th Annual Show/Sale  
Park Plaza Mall  
Downtown Oshkosh-On-The-Water  
Oshkosh, WI  
May 1 - 10am - 5pm  
May 2 - noon - 4:30pm  
Info: Cathy Heider (920) 685 - 5262

**May 1 & 2 - CALIFORNIA**

Ventura County AVS Annual Show/Sale  
Buenaventura Mall  
Mills Rd & Main St  
Ventura, CA  
May 1 - 10am - 6pm  
May 2 - 11am - 6pm  
Info: Lisa Martinez (805) 983 - 3522

**May 1 & 2 - CALIFORNIA**

Carlsbad AVS Show/Sale  
Plaza Camino Real Mall  
Carlsbad, CA  
May 1 - 1pm - 6pm  
May 2 - 11am - 5pm  
Info: Betty Roberson (760) 434 - 8116

**May 1 & 2 - MISSOURI**

Metropolitan St Louis AV Council Show/Sale  
Missouri Botanical Gardens  
4344 Shaw St  
St Louis, MO  
Both Days: 9am - 5pm  
Info: Carolyn Burr (314) 225 - 2559

**May 1 & 2 - CALIFORNIA**

San Joaquin AVS Judged Show/Sale  
Sherwood Mall  
5308 Pacific Ave  
Stockton, CA  
May 1 - 10am - 6:30pm  
May 2 - 11am - 5pm  
Info: Doris Weaver (209) 465 - 2214

**May 1 & 2 - LOUISIANA**

Sundowners AVS Spring Show  
Baton Rouge Garden Center  
7950 Independence Blvd  
Baton Rouge, LA  
May 1 - 2pm - 6pm  
May 2 - 11am - 4pm  
Info: Mary McFarland (225) 923 - 3337

**May 1 & 2 - OHIO**

Cincinnati AVS Annual Show/Sale  
Beechmont Mall  
Rt 125 & Five Mile Rds  
Cincinnati, OH  
May 1 - 1pm - 9pm  
May 2 - noon - 4pm  
Info: Penny Wichman (606) 384 - 4437

**May 7 & 8 - WASHINGTON**

Longview AVC Show/Sale  
Triangle Mall  
Longview, WA  
Mall Hours  
Info: Virginia Bailey (360) 577 - 5827

**May 7 & 8 - FLORIDA**

Suncoast AVC Show/Sale  
St. Bartholomew Episcopal Church Parish Hall  
3747 34th St S  
St Petersburg, FL (across from K-Mart)  
May 7 - 9am - 4pm  
May 8 - 9am - 5pm  
Info: Retta Anderson (727) 866-3468  
Sue MacFarlane (727) 866-8830

**May 7 & 8 - CANADA**

Stampede City AVS 23rd Annual Show/Sale  
Market Mall Shopping Centre  
3625 Shaganappi Trail NW  
Calgary, Alberta, Canada  
May 7 - 10am - 9pm  
May 8 - 9:30am - 4pm  
Info: Winston J. Goretsky (403) 241 - 8300  
email: goretsky@cadvision.com

**May 8 - CALIFORNIA**

Fancy Bloomers AVS Plant Sale  
Coddington Mall  
Guernville Rd  
Santa Rosa, CA  
Hours: 10am - 4pm  
Info: Byron Borck (707) 527 - 8362

**May 8 - VIRGINIA**

Richmond AVS Educational Display/Plant Sale  
Virginia Center Commons Mall  
Hours: 10am - 9:30pm  
Info: Sharon Long (804) 740 - 5322

**May 8 - NEW JERSEY**

AVC of Burlington County Show/Sale  
Burlington Center Mall  
Rt 541  
Burlington, NJ  
Hours: 10am - 9pm  
Info: Laurel Brown (609) 877 - 8696  
email: sskalski@snip.net

**May 8 - OREGON**

Portland AVS Sale/Display  
Tabor Heights Methodist Church  
6161 SE Stark St (enter on north side of bldg)  
Hours: 11am - 5pm  
Info: Charlotte Smith (503) 771 - 5762  
Valerie Miller (503) 654 - 0559

**May 8 - ARKANSAS**

North Central Arkansas AVS Show/Sale  
Jacksonville Community Center  
5 Municipal Dr  
Jacksonville, AR  
Hours: 9am - 5pm  
Info: Danny Tidwell (501) 726 - 4803

**May 15 & 16 - ILLINOIS**

Glenview/North Shore AVS Judged  
Show/Sale/Exhibit  
Chicago Botanic Garden  
Lake Cook Rd and Edens Expwy  
Parking \$6 for non-garden members  
Info: Barbara Goodsell (847) 729 - 1690

**May 28 - 30 - CANADA**

AVS of Canada National Convention/Show  
Civic Garden Centre, Edwards Gardens  
777 Lawrence Ave East @ Leslie St  
Toronto, ON, Canada  
Info: Beverly Williams (905) 275 - 5408



# Finding New African Violet Lovers

by Don Geiss  
Fredric, MI and Combes, TX

It should not be too much of a shock to realize that our national organization, affiliated clubs and individuals belonging to them are not really reaching the great majority of African violet growers or those who are potential growers.

At the risk of preaching, it is necessary to try new approaches to spread the message of how to raise and love these delightful plants. What is that new approach? We do not pretend to have the answer to that query.

There is no funding for a big advertising campaign much like the florist association can do. Virtually all of the members have other interests and individuals can spend time only as those other interests permit.

The workshops we have conducted have reached perhaps 2,000 people but our followups are made only when one of the people attending calls us with a problem. It is really unknown how many of them have become skilled African violet growers. Clubs conduct annual shows and sales and reach many thousands across the U.S. and in many countries. Have any of them ever done a followup to determine who among their many purchasers have had success raising plants? Furthermore have those people made any effort in passing on skills gained to others?

The African Violet Society of America reaches a large share of persons during its annual convention and perhaps it would provide some clues to increased public education and usage if we were to study certain statistics. Perhaps studying where the attendees live, how involved they are in teaching about African violets, and how they go about attracting new "converts" would give us clues to reaching individuals in our own sphere of activity.

Beyond a doubt the *African Violet* magazine is our best advertising medium. With it, individuals can over a period of time learn all of the ins and outs of growing. Unfortunately its use depends upon membership to the society. In the process it competes with many other specialized interest magazines for the household dollar. We note in our own areas of activity that local club members do not all hold membership in the society. If some clubs in the nation hold 100% membership in the society they might provide clues for other clubs to accomplish it.

The magazine is the device that sells memberships. The office and many volunteers do provide other services but the availability is probably only known through reading the magazine. Of course individual members do pass on some of that information but it is doubtful that the total picture of raising violets can be passed along in this manner.

It may sound crass to talk about selling the magazine but it might be one method of obtaining new members. If the idea of obtaining new members works by emphasizing the sale of the magazine, what is the harm? So individuals get other services along with the subscription. It is just another way of packaging to educate people about this delightful hobby.

The basic question of why a scheme of reaching more people is important is because in the process of selling subscriptions to individuals there is great probability that memberships can be increased in state and local clubs. There is ample information that some of them cannot hold shows because of lack of participating members to carry out the various arrangements for conducting it. Many cannot afford to pay for the transportation of judges nor do they have members trained to do the job themselves.

Of course there is like value in reaching more people for the national organization because it too, has tasks that need to be accomplished and the more members, the better it can carry out those tasks. Then too, being strictly mercenary about it, there is more money for even more educational functions.

From a commercial standpoint, the more people we reach the more their sales can increase. The better educated customers are, the more success they should have and this serves to obtain repeat business. And it is imperative that they have this success. In our experience the people who have failed for the most part will not be interested in trying again.

Success then is the key and this can only be done by education. That can only be accomplished by reaching people and that can only be done by an all out sales approach.

We do not have all the answers to the problem. It does seem as though it is a national and perhaps even international problem. There may be some individuals who do not see all of this as a problem at all. Perhaps we also need to hear from them. State organizations, clubs and individual members of the African Violet Society may well have suggestions on getting people interested and successful. Perhaps commercial growers can help?

Would a feed back system work in obtaining constructive information?

We have described problems that we have seen in our experience. If the need to expand our membership is seen to exist, then the question is: *how can we collectively solve the problem?* If it is not a problem in some areas how can we benefit from the experience of those people by applying it to the rest of the country?

# Planting by Moon Signs

## Moon in Aries

Barren and dry, fiery and masculine. Used for destroying noxious growths, weeds, pests, etc., and for cultivating.

## Moon in Taurus

Productive and moist, earthy and feminine. Used for planting many crops, particularly potatoes and root crops, and when hardiness is important. Also used for lettuce, cabbage, and similar leafy vegetables.

## Moon in Gemini

Barren and dry, airy and masculine. Used for destroying noxious growths, weeds and pests, and for cultivation.

## Moon in Cancer

Very fruitful and moist, watery and feminine. This is the most productive sign, used extensively for planting and irrigation.

## Moon in Leo

Barren and dry, fiery and masculine. This is the most barren sign, used only for killing weeds and for cultivation.

## Moon in Virgo

Barren and moist, earthy and feminine. Good for cultivation and destroying weeds and pests.

## Moon in Libra

Semi-fruitful and moist, airy and masculine. Used for planting many crops and producing good pulp growth and roots. A very good sign for flowers and vines. Also used for seeding hay, corn fodder, etc.

## Moon in Scorpio

Very fruitful and moist, watery and feminine. Nearly as productive as Cancer; used for the same purposes. Especially good for vine growth and sturdiness.

## Moon in Sagittarius

Barren and dry, fiery and masculine. Used for planting onions, seeding hay, and for cultivation.

## Moon in Capricorn

Productive and dry, earthy and feminine. Used for planting potatoes, tubers, etc.

## Moon in Aquarius

Barren and dry, airy and masculine. Used for cultivation and destroying noxious growths, weeds, and pests.

## Moon in Pisces

Very fruitful and moist, watery and feminine. Used along with Cancer and Scorpio, especially good for root growth.

March Moon Table

Date	Sign	Element	Nature	Phase
1 Mon. 5:05 am	Virgo	Earth	Barren	2nd
2 Tue.	Virgo	Earth	Barren	Full 1:59 am
3 Wed. 1:34 pm	Libra	Air	Semi-fruit	3rd
4 Thu.	Libra	Air	Semi-fruit	3rd
5 Fri.	Libra	Air	Semi-fruit	3rd
6 Sat. 12:23 am	Scorpio	Water	Fruitful	3rd
7 Sun.	Scorpio	Water	Fruitful	3rd
8 Mon. 12:47 pm	Sagittarius	Fire	Barren	3rd
9 Tue.	Sagittarius	Fire	Barren	3rd
10 Wed.	Sagittarius	Fire	Barren	4th 3:41 am
11 Thu. 12:54 am	Capricorn	Earth	Semi-fruit	4th
12 Fri.	Capricorn	Earth	Semi-fruit	4th
13 Sat. 10:32 am	Aquarius	Air	Barren	4th
14 Sun.	Aquarius	Air	Barren	4th
15 Mon. 4:31 pm	Pisces	Water	Fruitful	4th
16 Tue.	Pisces	Water	Fruitful	4th
17 Wed. 7:13 pm	Aries	Fire	Barren	New 1:48 pm
18 Thu.	Aries	Fire	Barren	1st
19 Fri. 8:09 pm	Taurus	Earth	Semi-fruit	1st
20 Sat.	Taurus	Earth	Semi-fruit	1st
21 Sun. 9:05 pm	Gemini	Air	Barren	1st
22 Mon.	Gemini	Air	Barren	1st
23 Tue. 11:33 pm	Cancer	Water	Fruitful	1st
24 Wed.	Cancer	Water	Fruitful	2nd 5:18 am
25 Thu. 4:22 am	Leo	Fire	Barren	2nd
26 Fri.	Leo	Fire	Barren	2nd
27 Sat.	Leo	Fire	Barren	2nd
28 Sun. 11:35 am	Virgo	Earth	Barren	2nd
29 Mon.	Virgo	Earth	Barren	2nd
30 Tues. 8:50 pm	Libra	Air	Semi-fruit	2nd
31 Wed.	Libra	Air	Semi-fruit	Full 5:50 pm

April Moon Table

Date	Sign	Element	Nature	Phase
1 Thu.	Libra	Air	Semi-fruit	3rd
2 Fri. 7:49 am	Scorpio	Water	Fruitful	3rd
3 Sat.	Scorpio	Water	Fruitful	3rd
4 Sun. 8:08 pm	Sagittarius	Fire	Barren	3rd
5 Mon.	Sagittarius	Fire	Barren	3rd
6 Tue.	Sagittarius	Fire	Barren	3rd
7 Wed. 8:39 am	Capricorn	Earth	Semi-fruit	3rd
8 Thu.	Capricorn	Earth	Semi-fruit	4th 9:51 pm
9 Fri. 7:24 pm	Aquarius	Air	Barren	4th
10 Sat.	Aquarius	Air	Barren	4th
11 Sun.	Pisces	Water	Fruitful	4th
12 Mon.	Pisces	Water	Fruitful	4th
13 Tue.	Pisces	Water	Fruitful	4th
14 Wed. 5:46 am	Aries	Fire	Barren	4th
15 Thu.	Aries	Fire	Barren	New 11:22pm
16 Fri. 6:07 am	Taurus	Earth	Semi-fruit	1st
17 Sat.	Taurus	Earth	Semi-fruit	1st
18 Sun. 5:39 am	Gemini	Air	Barren	1st
19 Mon.	Gemini	Air	Barren	1st
20 Tue. 6:28 am	Cancer	Water	Fruitful	1st
21 Wed.	Cancer	Water	Fruitful	1st
22 Thu. 10:06 am	Leo	Fire	Barren	2nd 2:02pm
23 Fri.	Leo	Fire	Barren	2nd
24 Sat. 5:05 pm	Virgo	Earth	Barren	2nd
25 Sun.	Virgo	Earth	Barren	2nd
26 Mon.	Virgo	Earth	Barren	2nd
27 Tue. 2:47 am	Libra	Air	Semi-fruit	2nd
28 Wed.	Libra	Air	Semi-fruit	2nd
29 Thu. 2:13 pm	Scorpio	Water	Fruitful	2nd
30 Fri.	Scorpio	Water	Fruitful	Full 9:55 am

Reprinted with permission from *Llewellyn's 1998 Moon Sign Book*, published by Llewellyn Publications, (pages 40, 42 & 233), ISBN 1-56718-933-4

# HELP US CHOOSE THE VERY BEST

## An Invitation to Send Your Choices for the 1999 Best Variety List

Floyd Lawson, 1110 W. Huntington Dr., 21, Arcadia, CA 91007

Every year our best growers and hybridizers advise both beginners and experienced growers to check the Best Varieties List for the surest and most consistent plants to add to their collections. The advice is excellent. The Best Variety List is a yearly compilation of those varieties which have performed well across the nation...and now across the world!...in many different growing conditions, and with many different approaches to growing. Because members of the African Violet Society of America are those who vote for the best varieties, the Best Variety List is YOUR list of those plants which have done the best for YOU.

Here is your opportunity to make your voice heard. Which are your favorites? Which would you encourage other growers to buy and grow?

Between now and July 31st every member of AVSA is encouraged to sit down and make a list of your 25 favorite plants. We really want to have every member's opinion. And just to make it very easy we have three ways for you to submit your choices:

- Send your list individually, to Floyd Lawson at the address above.

- Have a club meeting where the choices are discussed and gather and send the entire list (list all plants which received votes and how many each variety received. Please do not list just 25 for the entire club!). Please also enclose the total number of members voting as well as the name of the affiliate.
- Send the list to Floyd Lawson by E-mail at [Floydll@earthlink.net](mailto:Floydll@earthlink.net)

Whichever way you make YOUR choices will make the final list all the more meaningful and valuable!

Thank you for your response. The list helps hybridizers as their best plants are highlighted before our membership. The list helps growers spend their plant money wisely. The list helps our hobby by giving novices the best experience possible.

And "thank you" to each of you who encourage me along the way. I cannot answer notes individually, but they are much appreciated.



## AVOIDING TRANSPLANT SHOCK IN VARIEGATED PLANTS

by Sue Gardner • Australia

Variegated plants sometimes develop brown patches after repotting. There are several possible causes for this.

1. Plants may be affected by cold conditions when transplanting. Repotting causes trauma to plants, and variegated plants seem to be affected more when repotted during the cold weather. Cold potting mix, or cold water can also cause brown blotches. These marks take a day or two to develop. Avoid repotting during cold weather and always avoid cold potting mix and cold water.

2. The leaf tissue of variegated plants seems to be more sensitive to touch. This may possibly be because they contain less chlorophyll. If you use a brush to clean the leaves, make sure that it is very soft. Also, avoid excessive handling and always be gentle.

3. When plants are transplanted the root system is damaged. If you prune the roots radically, there are fewer roots to absorb water and nutrients. If you water abundantly after repotting, the roots are not recovered sufficiently to deal with the swamp that may develop. Just make the potting mix moist and water sparingly the next day. Add a few drops of plant starter to the water.

To obtain the best results with variegated plants, repot during warmer spring days and take extra care as outlined above.

*Reprinted with permission from the Early Morn AV Group, Inc., Newsletter, Mt Waverly, Australia*



# Registration Report



**Iris Keating**  
149 Loretto Court  
Claremont, CA 91711

## **Kevin Degner - Oshkosh, WI**

- \***Kev's Meteor Shower** (8756) 10/22/98 (K. Degner) Semidouble dark purple large ruffled star/coral fantasy. **Variegated** green, white and pink, heart-shaped, quilted, wavy, scalloped/red back. **Large**

\*\*\*\*\*

## **John Brownlie - Mississauga, Ontario, Canada**

- \***Aca's Flying Free** (8757) 10/27/98 (J. Brownlie) Single-semidouble pink sticktite star. Medium green, plain, quilted, serrated. **Standard**

\*\*\*\*\*

## **Hortense Pittman - Celina, TX**

- \***Cool Blue** (8758) 10/28/98 (H. Pittman) Semidouble light blue. Medium green, plain. **Semiminiature**
- \***Dancing Eyes** (8759) 10/28/98 (H. Pittman) Semidouble pink/dark rose eye. Medium green, plain. **Semiminiature**
- \***Foster Trail** (8760) 10/28/98 (H. Pittman) Semidouble fuchsia. Medium green, plain. **Semiminiature trailer**
- \***Gleeful Elf** (8761) 10/28/98 (H. Pittman) Double dark blue/white edge. Dark green, plain. **Miniature**
- \***Honey Berry** (8762) 10/28/98 (H. Pittman) Double fuchsia. **Variegated** green and white, plain. **Semiminiature**
- \***Ken** (8763) 10/28/98 (H. Pittman) Double dark blue/ white edge. Dark green, wavy. **Miniature**
- \***My Smokey Trail** (8764) 10/28/98 (H. Pittman) Double medium blue. Medium green, plain. **Semiminiature trailer**
- \***Peppy Blue** (8765) 10/28/98 (H. Pittman) Semidouble dark blue/white edge. Dark green, plain. **Semiminiature**
- \***Petite Ruby** (8766) 10/28/98 (H. Pittman) Double fuchsia. **Variegated** green and white, plain. **Miniature**
- \***Planet Kid** (8767) 10/28/98 (H. Pittman) Double pale blue/white edge. Light green, ruffled. **Miniature**
- \***Sandy Trail** (8768) 10/28/98 (H. Pittman) Single fuchsia sticktite pansy/white tips. Medium green, plain. **Miniature trailer**
- \***Spindletop** (8769) 10/28/98 (H. Pittman) Single-semi-

A name reservation costs \$1.00 and is valid for two years, after which time it may be extended two years for an additional \$1.00. Registration of the plant is \$5.00 unless completed within the reservation period, in which case the balance is then \$4.00. Please make check payable to AVSA.

double white sticktite pansy/fuchsia center. Dark green, plain. **Standard**

- \***Teen Thunder** (8770) 10/28/98 (H. Pittman) Double blue/white edge. Medium green, quilted. **Semiminiature**

- \***Texas Space Dust** (8771) 10/28/98 (H. Pittman) Semidouble light pink pansy. **Variegated** green and white, plain. **Miniature**

- \***Wishful Teen** (8772) 10/28/98 (H. Pittman) Double bright pink. **Variegated** dark green and white, plain. **Miniature**

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## **Kent Stork - Fremont, NE**

- \***Floozie** (8773) 11/14/98 (K. Stork) Semidouble-double vivid pink pansy/thin raspberry sparkled edge. Dark green, plain. **Large**
- \***Impostor** (8774) 11/14/98 (K. Stork) Semidouble-double plum-wine star/white edge. **Variegated** dark green, cream and pink, plain. **Standard**
- \***Silent Prayer** (8775) 11/14/98 (K. Stork) Single-semidouble lavender large star/darker frilled edge. Medium green, plain. **Large**
- \***Smooch Me** (8776) 11/14/98 (K. Stork) Single-semidouble rose-pink pansy/variable red eye. Dark green, quilted, glossy, serrated. **Standard**
- \***Velvet Brocade** (8777) 11/14/98 (K. Stork) Single-semidouble vivid purple star/white edge. **Variegated** dark green, cream and pink, plain, quilted/red back. **Standard**
- \***Verdict** (8778) 11/14/98 (K. Stork) Single-semidouble lavender-purple two-tone pansy. Medium-dark green, quilted, glossy, wavy. **Standard**

## **NAME RESERVATIONS**

### **George Gay - Wickliffe, KY**

- (Each of the following is preceded by the name George's)
- \* Apple Blossoms \* Bright Eyes \* Day After \* Happy Face  
\* Hologram \* Hurricane Andrew \* Make Believe \* Night Before  
\* Phalaenopsis Red \* Red Mirage

# AVSA ADVERTISING GUIDELINES

Judith M. Carter, Advertising Manager

## AFRICAN VIOLET MAGAZINE

### Advertising Rates, Mechanicals & Deadlines

#### Deadlines

Jan/Feb issue	Nov 15	Jul/Aug issue	May 15
Mar/Apr issue	Jan 15	Sep/Oct issue	Jul 15
May/June issue	Mar 15	Nov/Dec issue	Sep 15

**Mechanicals & Rates:** One Column (3-5/16" ) Two Column (6-3/4")

#### REGULAR ADVERTISING

AD SIZE - 3 5/16 IN WIDE	COMMERCIAL MEMBERS	ALL OTHERS
1 INCH	\$30	\$33
2 INCH	\$50	\$55
3 INCH	\$70	\$77
4 INCH	\$90	\$99
5 INCH TO 9 1/4 INCH	\$22.40 PER IN.	\$25.00 PER IN.
1/4 PAGE BLACK & WHITE	\$95	\$104.50
1/2 PAGE BLACK & WHITE	\$175	\$192.50
FULL PAGE BLK & WHITE	\$345	\$379.50
1/2 PAGE COLOR	\$475	\$522.50
FULL PAGE COLOR	\$595	\$654.50

Advertiser provides color separations.

**Special - Buy 5 ads and receive the 6<sup>th</sup> ad free when all 6 ads are paid in full in advance. All ads should be same size. Content of ad can change for each issue.**

#### CLASSIFIED ADVERTISING

15 word/\$15.00 Minimum. Each additional word \$1; series of numbers count as a word. Purchase 5 ads and receive the 6<sup>th</sup> ad free. All classified ads must be same text and paid for in advance. NO PROOF SUBMITTED BEFORE PUBLICATION. **Deadlines will be the same as those listed for the regular advertising section.**

#### INTERNET WEB PAGE

Any advertiser who purchases six consecutive ads may have his business listed on the AVSA Web Page and also may have a "hot" link to his page if he provides a reciprocal link to the AVSA page. No process has yet been developed to place advertising on the Internet at this time.

Checks made payable to The AFRICAN VIOLET SOCIETY OF AMERICA, Inc. (AVSA) must accompany ad copy. Agency commission and cash discount not allowed. Inquiries for color ads - contact Advertising Manager. You need not be an AVSA member to advertise.

**Membership** - \$30.00 per year - USA. Make check payable to AVSA. Membership check should be provided separately from advertising cost. Pictures can be included at no extra cost. No copy or pictures can be returned. All copy must be typewritten. NO PROOF SUBMITTED BEFORE PUBLICATION. If proof required submit camera-ready copy.

#### VISA or MasterCard

AVSA now accepts VISA or MasterCard for payment of ads that appear in the AVM. Want to save some money? Prepay for five consecutive ads either by check or charge, and receive the sixth ad free. Advertising copy may be changed in this category.

#### Commercial versus Non-Commercial

Advertisers no longer need to be commercial or non-commercial members of AVSA in order to place an ad. The product or service must be plant-related to qualify. This rule is perfect for an advertiser who would like to "test the waters" before going into a full-scale advertising campaign. Prices for non-commercial advertisers are 10% higher than those for our commercial membership. Unless the advertiser is already a member of AVSA, he/she would not receive a copy of the AVM nor be eligible for any of the other benefits of membership in AVSA.

Example:

1" ad Commercial Member	\$30.00
1" ad Non-Commercial	\$33.00

One year (six issues) of non-commercial ads will cost an additional \$18.00 for ads.

Full page Black & White for Commercial Member	\$345.00
Full page Black & White for Non-Commercial Member	\$379.50

One year (six issues) of non-commercial ads will cost an additional \$207.00 for ads.

#### Four-Color Advertising

The AVM is now accepting four-color ads. Ads will be accepted in two sizes.

One Half Page	Commercial Member	\$475.00
	Non-Commercial	\$522.50
Full Page	Commercial Member	\$595.00
	Non-Commercial	\$654.50

The customer must provide the color separations for the copy.

#### Classified Advertising

- Looking for a home for your old copies of the AVM?
- Moving and don't have room for that third plant stand?
- Your club is selling violet key rings as a fund raiser?
- Small commercial grower: Violet lovers travel everywhere to find new plants. Do you go unnoticed and lose business because you feel you can't afford a large ad in the AVM?
- Large commercial grower: Even though you would like to see your ad in every issue, do you settle for fewer appearances?

Why not try out a classified ad to address your situation? The classified advertising may be used by commercial and individual members, clubs, groups and non-members. AVSA individual members advertising in this section will not be considered "commercial" advertisers.

#### WHERE DO I SEND MY AD?

##### Regular Advertisements and Classified Advertisements

Judith M. Carter, Advertising Manager  
19506 Mills Meadow Lane  
Houston, Texas 77094-3412  
Phone: 281-492-2034  
email: avmads@avsa.org

Please leave a phone number where you may be reached.



# Travis Violets.

P. O. BOX 42 OCHLOCKNEE, GA. 31773

Phone 1-912-574-5167 (DAY)

1-912-574-5236 (NIGHT)

FAX: 1-912-574-5605

e-mail: tviolets@aol.com



## 3 FREE VIOLETS!

Order now before May 1, 1999 and get 3 FREE violets, **our choice**. Min. order for this special is **12 PLANTS**.  
Order from ad or from over 300 varieties listed in our 1999 Catalog. Send \$2.00.

### SOME OF THE NEW VARIETIES WE HAVE TO OFFER:

**1998-99 TRAVIS' VIOLETS \$4.00**  
Heaven's A Calling  
Hal's Bonnie Blue  
Georgia Starburst  
Star Eclipse  
Darlin' Darlene  
Georgia Sunset

Violets Aglow  
Baby's Breath  
Radiant Glow  
**1998 LYONS \$4.00**  
Arctic Frost  
Blue Masterpiece  
Blushing Fantasy  
Broadway Star

Designer Print  
Faded Denim  
Festive Amethyst  
Golden Flash  
Golden Fountain  
Harvest Moon  
Kissing Bandit  
Lying Eyes

Midnight Frolic  
Moon Goddess  
Nightfall  
Phantom  
Pink Feathers  
Pirate's Gold  
Rainbow Connection  
Rainy Day Wishes

Royal Rage  
Sergeant Pepper  
Sunny Skies  
The Artist  
Thunder N' Lightning  
Velvet Valentine  
**MINIS AND SEMIMINIS**  
Fireworks

Golden Eye  
Irish Touch  
Kiss N' Tell  
Little Chatterbox  
Party Flirt  
Smitten Kitten  
Snow Leopard

Also LYONS 1997 Varieties and other new releases. Please list several substitutes.

1998-99 Plants - \$4.00 ea.; All other \$3.00 ea. Please add \$6.00 or 20%, whichever is greater for First Class Shipping. Shipping starts April 1st - Weather permitting.

### ORDERS SHIPPED IN ORDER RECEIVED

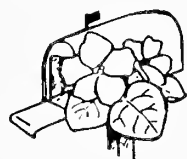
Try our **SUPER SPECIAL** - Twelve Husky Starters - all different - All plants **OUR CHOICE**, but all different - \$38 Postpaid.

New and older varieties of African violets, from leading hybridizers, and our new plants. Specify: Special #1-Standards; Special #2-Semis and Minis; Special #3-Standards, Semis and Minis; Special #4-Standards, Semis, Minis and Trailers.

**VISA/MASTERCARD/DISCOVER CREDIT CARD** - List all info on card (exp. date). Minimum credit card order is \$30.00.

Greenhouse opened 7 days a week, please call first. COMMERCIAL MEMBER: AVSA AND DIXIE.

Visit our web site: [www.imox.com/travisviolets](http://www.imox.com/travisviolets)



## Alannah's Greenhouses

*"mail order specialists"*

**African Violets, Gesneriads, Geraniums  
& Tropical Flowering Plants**

*well established starter plants  
fresh-cut leaves  
growing supplies*

**We take pride in our expert wrapping and packaging**  
*Shipping throughout Canada,  
United States and Internationally*

View the catalog on-line at  
[www.alannahs.com](http://www.alannahs.com)

To receive a copy of the '99 catalog, please send \$2.00  
(available in early February)

Box 1342  
Grand Forks, BC  
VOH1H0 Canada

Box 2  
Danville, WA  
99121 US



**Rozell Rose Nursery & Violet Boutique**

Presents

## 1999 Catalog

**Champion • Clive • Cox • Croteau  
Elkin • Foster • Munk • Pittman  
Dr. Jeff Smith**

Over 600 African Violets & Gesneriads

Antique Roses & Miniature Roses

*(available in U.S.A. Request Rose List)*

Supplies • Flora-Carts • Soil • Gift Certificates

Send \$2.50 (\$5.00 International) for 1999 Catalog

*Available Feb. 15th*

Visitors welcome by appointment.



**BILLY and CAROLYN ROZELL**

12206 Hwy. 31 West  
Tyler, TX 75709-9738

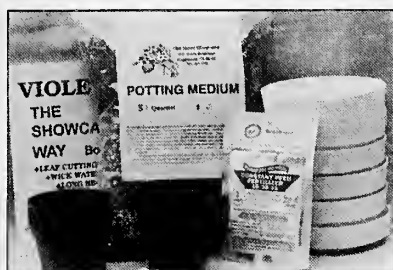
Phone: 903-595-5137  
Fax: 903-593-7956



## VIOLET SHOWCASE SPECIAL OFFER



**Violet Showcase Plant Assortment** - Six different standard sized starter plants will be chosen for you from our available stock when your order arrives. We will choose an assortment of leaf and blossom types and bloom color in each shipment. All plants will be husky, well-rooted, named, labeled varieties in 2 1/4" pots. A \$29.00 value - our choice of varieties - **only \$16.00** which includes packing and Priority Mail shipping, and a free catalog/list, or \$28 per dozen plants. *Tell us if you would like any minis or trailers in your assortment. We ship plants May thru October.*



**Violet Showcase Basic Supplies Kit** - All of the supplies necessary to try wick watering (a great way to grow violets!) PLUS step-by-step instructions. Includes a 1 oz. pouch of Volkmann Bros Constant Feed Fertilizer (15-30-15), a 3 quart bag of Potting Medium (especially mixed for wicking), 6 Volkmann Bros. wicking saucers, six 3" tub pots, six 3 1/2" tub pots, 6 yds. of wicking cord, and our best-selling **VIOLETS THE SHOWCASE WAY** booklet. A \$26.00 value for **only \$16.00** which includes UPS shipping and handling, and a free catalog/list. We ship supplies year round.



Send for your free complete catalog/descriptive plant list of supplies and violets.



Telephone (303) 761-1770 • FAX (303) 762-1808

Visit our web page at [http://ourworld.compuserve.com/homepages/violet\\_showcase](http://ourworld.compuserve.com/homepages/violet_showcase)

### The Violet Showcase

3147 South Broadway - Dept AV - Englewood, Colorado 80110

Open Monday - Saturday 10 to 5 (Mountain Time) closed Sunday & Tuesday

Established 1969



## FOLLETT'S WATCH US GROW



LIQUID FERTILIZER

African Violet enthusiasts get superior results with our gentle liquid fertilizer.



- Vibrant blooms
- Lush foliage
- Non-Burning

Special directions for feeding African Violets:  
Mix 1/4 tbsp. of Watch Us Grow per gallon of water to feed plants once every week, then flush with plain water every fourth week.

See for yourself! Call for a trial size bottle and booklet, only \$2.00. 1-800-799-2824.

[www.watchusgrow.com](http://www.watchusgrow.com)

A new independent  
AV and Gesneriad publication!

African - violet and  
**Gesneriad NEWS**

IN CANADA \$15/yr (4 issues) (All other countries \$15. US)  
Send for a sample copy - only \$2.

Payment must be made out to **John Beaulieu Productions**  
37 Shaw Crescent, Barrie, Ontario L4N 4Z3 (705) 726-7363

## CLASSIFIED ADS

### BAYOU VIOLETS - LEAVES ONLY

Request catalog \$1.00  
Check payable to Genelle Armstrong  
1313 Gardenia Drive  
Metairie, LA 70005-1152

### NEPTUNE'S HARVEST ORGANIC FERTILIZERS

Top of the line.  
Commercial proven. Outperform chemicals.  
Free catalog 1 (800) 259-GROW (4769)

**New Ceramic Reservoir Pots 5 pack: \$34.95**

Collection in plastic mini-wells still \$29.95

Postpaid to 48 states  
Alaska & Hawaii add \$10.00



## Super Miniatures

Receive a collection of 5 Little Jewels® violets direct from Holtkamp. The Mini-Well™ or blue ceramic reservoirs are included along with fertilizer. *These minis are easy to grow!*

Teas Nursery Co., Inc., P.O. Box 1603, Bellaire, TX 77402-1603



### Teas Catalog FREE to AVSA

Fertilizers, violet pots including the Dandy Pot® plus orchids, plumerias, bromeliads, books, and supplies.

**1-800-446-7723 www.teasnursery.com**



### Country Violets Greenhouse

2010 Enon Rd.  
Webb, AL 36376

Quality plants and leaves from many great hybridizers.  
Send for our catalog of more than 250 varieties

e-mail: royh@graceba.net  
Phone: 334-899-7142

check us out on the web  
www.graceba.net/~royh

### A & W VIOLETS OUR SECOND YEAR

Best organized New varieties  
Lots more starter plants!  
Catalog \$2  
8704 E. 92nd Pl. K.C. MO. 64138  
(816) 765-5589

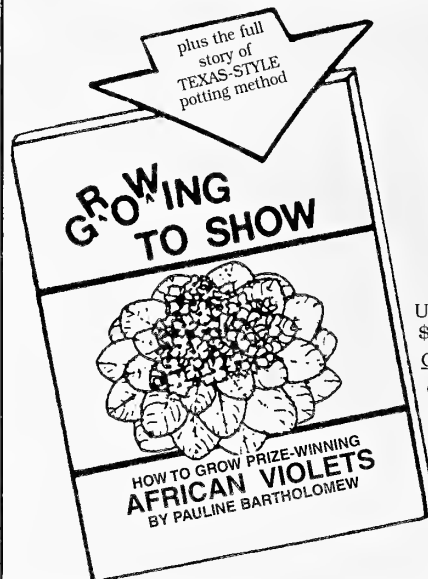


500 Varieties - **NO LIST** - Shipping "Our Choice" leaves only (with suggestions).  
Specify Std or Mini/Semi. \$1.00 per variety, plus \$7.00 per order for Priority Mail.  
Inquiries invited.

**Bill & Kathryn Paaue**  
45 Third Street  
W. Sayville, NY 11796  
(516) 589-2724  
violetsbyappointment@juno.com

# AV WORLD'S BEST SELLER

Thanks to "G-T-S" I just won my first Best in Show award! I tell everyone, "If you don't have this book, you aren't growing violets to their full potential." Mrs. M. L. Horne (Includes unique chapter on "Miniaturizing the Miniatures")



## A step-by-step guide

Illustrated - 112 pages  
8 1/2 x 11 paperback

USA/Canada  
\$1.50 p&h + **12.95**  
Calif. add 6% sales tax  
overseas postage: \$7.50  
air mail, or \$2.50 surface

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Santa Ana, CA 92705

**SAVE \$2.05  
PER BOOK!**

10% discount for 10 or more (save \$1.30 each) USA/CAN p&h 75¢ each (save 75¢ each) total \$2.05! Overseas p&h \$1.20 each surface.

## AFRICAN VIOLETS BY FREDERICKS, INC.

Alyce Droege Charlene Lentz

### BEST VARIETIES - YELLOWS TOO!

STANDARDS in 3" & 4" pots, plus leaves

MINIS CHIRITAS  
TRAILERS CHIMERAS  
EPISCIAS STREPTOCARPUS  
and other GESNERIADS

### COMPLETE GROWERS SUPPLIES

design supplies - books - pincups 2-3/4" to 5-1/2"  
fertilizers - spray - "my own mix" soil  
Dandy pots - 2 sizes - many colors  
growing pots - Oyamas - hanging baskets  
beautiful ceramic wick pots (pat. pend.)  
6 sizes - decorator colors

Home of Aly's hybrids

GIFT CERTIFICATES - CATALOGUE \$2.00

P. O. Box 1416  
Franklin, NC 28744  
Monday - Saturday  
9 a.m. - 5 p.m.



**1-800-771-0899 ORDERS ONLY**

1-828-349-4832

www.african-violets.com

Florida Registration number: 47219602





# CAPE COD VIOLET

John & Barbara Cook  
Dept. AV 28 Minot St. (508) 548-2798  
Hours by appointment • Falmouth, Massachusetts 02540  
SUPPLIES FOR VIOLET GROWERS BY VIOLET GROWERS

WE CARRY ALL THE SPECIES AND THE ORIGINAL 10

Catalog \$2.00, Foreign catalog \$3.00

Phone (508) 548-2798 - Fax (508) 540-5427 - email violets@cape.com

## PLASTIC FLOWER POTS

SIZE	COLOR	TYPE	10	25	50	100	500
1-1/4"	Wt. (only)	Thumb Pot	\$ 1.20	\$ 2.75	\$ 5.00	\$ 9.80	\$ 44.50
2-1/4"	Gr. or Wt.	Rd. or Sq.	1.05	2.15	3.90	7.25	33.00
2-1/2"	Gr. or Wt.	Rd. or Sq.	1.15	2.40	4.55	8.60	40.50
3"	Gr. or Wt.	Rd. Tub, Std. Sq.	1.30	2.95	5.25	9.80	44.50
3-1/2"	Gr. or Wt.	Rd. Tub	1.35	3.30	6.00	11.40	52.00
4"	Gr. or Wt.	Rd. Tub	1.75	3.85	7.20	13.50	59.40
4-1/2"	Gr. or Wt.	Rd. Tub	2.40	5.60	8.00	15.50	73.00
5"	Gr. or Wt.	Rd. Tub	2.90	6.75	12.50	23.00	105.00
6"	Gr. or Wt.	Rd. Tub	3.40	8.20	15.40	28.80	134.00
6-1/2"	Gr. or Wt.	Rd. Tub	4.00	9.50	18.00	34.00	160.00

## MINIATURIZING MINI POTS WITH SAUCER

1-1/4"	Terracotta	4.00	8.00	14.00	25.00
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## PLASTIC PAN POTS

5"	Gr. or Wt.	2-1/2" Deep	2.90	6.75	12.50	23.00	105.00
6"	Gr. or Wt.	3-3/4" Deep	4.10	9.75	18.50	35.00	165.00
7"	Gr. or Wt.	4" Deep	6.00	14.50	28.00	54.00	
8"	Gr. or Wt.	4" Deep	7.60	18.50	36.00	70.00	

## PLASTIC HEAVY DUTY POT SAUCERS

4"	Gr. or Wt.	2.25	5.25	9.00	16.80
6"	Gr. or Wt.	3.60	8.60	15.80	29.00
8"	Gr. or Wt.	4.40	10.50	20.00	38.00

## PLASTIC WICK WATER RESERVOIRS

(recessed snap-on lids,	8 oz	3.00	7.15	13.20	24.00	110.00
wicks not included)	16 oz	3.60	8.50	16.00	30.00	140.00
Lids or containers only - 1/2 listed price	32 oz	4.90	11.75	22.50	42.00	200.00

## PLASTIC LABELS

3" White, Red, Orange, Yellow, Green Blue, Lavender, Pink	100	500	1000
4" White, Green, Blue, Lavender, Pink, Red, Yellow	1.00	4.75	7.00
5" White, Lavender	1.25	5.75	10.00
4 1/2" White only	1.50	7.00	13.00
	2.00	9.00	17.00

## PERMANEST TRAYS - Light Green - No Holes

4" x 8" x 2-1/2"	1	6	12
8" x 8" x 2-1/2"	.90	5.10	9.75
8" x 8" x 2-1/2"	1.40	8.00	15.00
8" x 12" x 2-1/2"	1.50	8.50	16.20
11" x 22" x 2-3/4" Lt. Green or Beige	4.75	27.00	51.00

## CLEAR DOMES

11" x 22" trays \$2.00 ea. Dome and Tray combo \$6.25 each.

## Elisa's African Violet Rings

Mini (6")	Gr. only	1	6	12	25	50
9"	Gr. only	.90	4.75	8.75	18.00	31.50
13"	Gr. only	1.00	5.00	9.50	20.00	36.00
		1.25	6.50	12.00	21.00	38.00

## FREDETTE'S ALLEGRO Plant Tonic

Excellent for starting leaves and small plants.  
Use 3 tsp. per gal. water. 4 oz. bottle - \$3.00 each;  
3 for \$8.50; 6 for \$16.50; 12 for \$30.00

## PLASTIC TERRARIUM

12" Diameter - \$6.75 each  
White - Green - Beige - Terra-cotta

## SWIFT'S "MOIST-RITE" PLANTER

White - Green - Black  
\$4.00 each - 6/19.20 - 12/36.40 - 24/67.00

## SHIPPING INSTRUCTIONS:

Supplies - UPS East of Mississippi - \$4.00;  
West of Mississippi - \$4.50 • \$5.00 West of Rockies  
Supplies - U.S. Mail - Actual Cost - \$4.00 min.  
Mass. residents include 5% Sales Tax  
Please include STREET or ROAD, Zip Code and  
Phone Number

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

## DYNA-GRO FERTILIZERS

Formula Type Size / Price

7-9-5	Plant Food	
3-12-6	Bloom	
9-3-6	Foliage Pro	
0-0-3	Pro-Tekt	
Concentrate	K-L-N	

## Dolomite Limestone

Charcoal	
No. 4 Coarse or	No. 6 Medium

Vermiculite	No. 2 Coarse
Perlite	Coarse
Canadian Peat Moss	

TROY Capillary watering mat - a full 4 feet wide  
\$2.40 per running yard - whole yard lengths

## ELISA'S AFRICAN VIOLET SUPPORT RINGS

MANUFACTURER  
WHOLESALE  
DISTRIBUTOR

6" - 9" - 13"

CLUBS - BUSINESSES  
SEND FOR PRICE LIST

## PHYSAN 20

16 oz. - \$6.25  
32 oz. - \$10.50  
1 gal. - \$31.50

## SUPERTHRIVE

1/2 oz. - \$2.79  
1 oz. - \$4.19  
2 oz. - \$5.25  
4 oz. - \$8.45

## DANDY POTS

2-1/4" - 4"

## OYAMA PLANTERS

Mini - 1-1/2" - 2-1/2" - 3" - 3-1/2"  
4"-5"-6"

## AEROSOLS

PT 1200 DS - 18 oz. \$11.95

Resmitherins

PT 1300 DS - 18 oz. \$12.00

Orthene

PT 1500 DS - 16 oz. \$6.95

Knox-Out - Diazinon

PT 1600 DS - 16 oz. \$9.89

X-Clude - Pyrethrums

## CHEMICALS

Phyton 27, Avid  
Marathon, Pentac, Aerosols  
Shultz Products & Others

## FLORA CART

Light Stands

## KEIKIGROW PLUS

15 ml - \$21.50



P. O. Box 527-AV • Dexter, MI 48130  
Phone (734) 426-9080 • Fax: (734) 426-7803  
9:00 a.m. to 5:00 p.m. EASTERN

**GARDENING  
SUPPLIES**

### FULL LINE OF INDOOR GARDENING PRODUCTS

◆ PLANT TRAYS ◆ LIGHTED STANDS ◆  
◆ METERS, TIMERS ◆ PLANTLITES ◆ ACCESSORIES ◆

40 WATT WS (Wide Spectrum) LAMPS:  
6 = \$36.32 12 = \$62.06 24 = \$117.90

G4-SD2 \$554.00  
W/4 Two Lamp Fixtures  
and WS Lamps  
4 Shelves W/16 Trays  
74H x 53L x 23D

ALL PRICES PREPAID,  
MICHIGAN RESIDENTS ADD 6% SALES TAX  
VISA, MASTERCARD, DISCOVER, CHECKS & COD'S ACCEPTED  
**FREE CATALOG**

G22 \$164.80  
W/2 Two Lamp Fixtures  
and WS Lamps  
2 Shelves W/2 Trays  
40H x 27L X12D



## MIGHTY MINIS

**Jeannie Stokes**

Over 600 varieties of  
Minis, Trailers and various gesneriads.  
Refundable with 1st order.  
List available January 1999, \$2.00.



7318 Sahara Court  
Sacramento, CA 95828  
(916) 421-7284

Tuesday through Saturday  
California State License #ID 2889.001



## Desert Violets

Quality leaves and starter plants

Catalog - \$1.00 cash, refundable with order

Susan Merski, horticulturalist  
(520) 326-3057  
email: [desertviolets@theriver.com](mailto:desertviolets@theriver.com)

2511 N. Desert Ave.  
Tucson, AZ 85712  
by appointment only



## BEAUTIFUL AFRICAN VIOLETS AND OTHER GESNERIADS FROM GARY & PAT DUNLAP

Assortments	Leaves, Cuttings or Rhizomes	Starters
10 Standard	7.95	21.95
10 Miniature	5.95	17.95
10 Semiminiature	5.95	17.95
10 Trailers	5.95	17.95
10 Mixed	6.95	19.95
10 Mixed/all new	8.95	24.95
10 Species	8.95	24.95
10 Streptocarpus	8.95	24.95
10 Achimenes	8.95	24.95
10 Aeschynanthus	8.95	24.95
10 Columnea	8.95	24.95
10 Nematanthus	8.95	24.95
10 Mixed other Gesneriads	8.95	24.95

Miracle Mix Potting Soil \$2.50/gal  
Miracle Mix II (High water retention) \$3.00/gal  
Miracle Mix III (Beneficial bacteria) \$3.00/gal  
Miracle Mix IV (Both additives) \$3.50/gal.

Sales in USA only. Minimum order \$20. No credit. Packing and shipping \$6 plus .25 per plant after the first 10 plants, .10 per leaf after the first 10 leaves. We ship by priority mail only. Our choice only on assortments. Catalog \$1.50 or free with your first order. Make checks payable to: Dunlap Enterprises, 4189 Jarvis Rd., Hillsboro, MO 63050. Our catalog is also at our home page: <http://www.jcn1.com/patspets> phone (314) 789-3604 e-mail: [patspets@jcn1.com](mailto:patspets@jcn1.com)

- AFRICAN VIOLETS • CONSTANT FEED ® FERTILIZER
- RESERVOIR WICK POTS • RESERVOIR WICK SAUCERS
- POTTING SOIL • MATTING • PLASTIC POTS • PLASTIC GRATING
- A.V. SEED • PLASTIC TRAYS • FLUORESCENT LAMPS
- PLANT STANDS • COLOR CATALOG \$1.00



**VOLKMANN BROS. GREENHOUSES**  
2714 MINERT ST. • DALLAS, TEXAS 75219-1150  
AREA CODE (214) 526-3484

## OLD FAVORITES PLUS NEW VARIETIES BY LEADING HYBRIDIZERS. WALK-INS WELCOME. LIST \$1.00 - U.S. SHIP ONLY.

SONJA'S VIOLETS  
(870) 426-1791

15980 W. Warden Rd.  
Omaha, Arkansas 72662

## NEW LOWER PRICES!

### PLASTIC FLOWER POTS

Colors: White (Wh), Green (Gr), Terra Cotta (TC), Black (Bl)

Types: Round Standard (RS) - Height and top about equal

Round Tub (RT) - Height about 3/4 width of top

Pan Pot (PP) - Height about 1/2 width of top

Square (SQ) - Volume equal to round standard (Some avail. in Black)

Note: Nice rolled rim on 4" fluted pots

Size	Color	Type	10	20	50	100	500
2"	Wh/Gr	RS	\$1.00	\$1.75	\$3.60	\$6.60	\$31.00
2 1/8"	Wh/TC	RT	1.05	1.80	3.70	6.90	32.00
2 1/4"	Wh/Gr	RS/SQ	1.05	1.85	3.80	7.10	33.00
2 1/2"	Wh/Gr	RS/SQ	1.20	2.30	4.80	8.80	41.00
3"	Wh/Gr	RT/RS/SQ	1.30	2.50	5.20	9.60	45.00
3 1/2"	Wh/Gr	RT/SQ	1.50	3.15	6.60	12.20	57.00
4"	Wh/Gr	RT/RS/SQ	1.95	3.50	7.30	13.40	63.00
4 1/2"	Wh/Gr	RT/RS/SQ	2.30	4.05	8.40	15.60	73.00
5"	Wh/Gr	RT/RS/PP	2.90	5.80	12.10	22.40	105.00
6"	Wh/Gr	RT/RS/PP	3.75	7.40	15.50	28.50	134.00
6 1/2"	Wh/Gr	RT/PP	4.50	8.85	18.50	34.10	160.00
8"	Wh/Gr	RT/RS/PP	7.30	13.25	27.70	51.10	240.00
10"	Wh/Gr	RT/RS/PP	10.00	18.20	38.00	70.20	330.00

MICRO MINI POTS - Terra Cotta Color - With saucers

TC 3.00 5.00 12.00 20.00 80.00

FLUTED VIOLET POTS - 4" wide x 3 1/2" high

4"	Wh/Gr	No saucer	2.50	4.50	9.30	17.10	80.00
4"	Wh/Gr	With saucer	3.60	6.50	13.90	25.60	120.00

PLASTIC HANGING BASKETS - With saucers and hangers

Size	Color	1	5	10	25
4"	Wh/Gr	\$1.00	\$4.00	\$6.00	\$12.50
6"	Wh/Gr	1.10	5.25	10.00	20.00
8"	Wh/Gr	1.50	7.35	13.30	29.75
10"	Wh/Gr	2.10	9.50	18.15	42.35
12"	Wh/Gr	3.00	13.50	25.00	50.00

DETACHED SAUCERS - White Only

Size	Color	10	20	50	100	Size	10
4"	Wh	2.35	4.50	9.25	17.00	7"	4.30
5"	Wh	2.70	4.75	10.25	19.00	8"	5.10

SNAP-ON SAUCERS FOR PANS

5"	Wh/Gr	2.00	3.75	8.00	15.00	10"	7.30
6"	Wh/Gr	2.10	4.00	9.25	19.00	11"	10.25
6.5"	Wh/Gr	2.75	5.30	12.00	24.00	12"	11.75
8"	Wh/Gr	3.10	6.00	14.50	29.00		
10"	Wh/Gr	6.00	11.50	26.00	50.00		

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Wicks not supplied - 1/2 price for containers or lids only

Size	10	20	50	100
8 oz.	\$4.00	\$9.00	\$20.00	\$35.00
16 oz	5.25	9.50	21.00	36.00
32 oz.	7.50	14.00	30.00	57.00



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To Fit 2.5-3.5"	3.60	15.00	27.60	63.00
To Fit 3 1/2-4"	3.75	15.60	28.75	66.00



### LEAF SUPPORTS - By J.F. Industries

Size	1	5	10	25	50
6" fits to 3" pot	\$1.00	\$4.75	\$9.00	\$20.25	\$38.25
9" fits to 5" pot	1.20	5.75	11.00	24.75	46.75
12" fits to 5" pot	1.50	7.35	14.00	31.50	59.50
15" fits to 8" pot	2.40	11.00	21.00	47.25	89.25
18" fits to 8" pot	2.60	11.55	22.00	49.50	93.50

### POTTING MATERIALS

VIOLET HOUSE SOILLESS MIX - Mix of peat, perlite, vermiculite, lime, and Peters African Violet Special	1 gal.	\$2.00
FINE SEEDING MIX - Similar to SOILLESS MIX but contains no fertilizer (close to Jiffy-7 pellets)	2 gal.	\$3.50
PERLITE - Aerates soil (course or fine)	1 gal.	\$2.00
VERMICULITE - Holds moisture (course or fine)	1 gal.	\$2.00
CANADIAN PEAT - Milled	2 gal.	\$3.00
DOLOMITE LIME - Sweetens mix	2 lb.	\$1.75
GRANNY'S BLOOMER (0-6-5)	2 oz./\$1.75	6 oz./\$3.25
SCHULTZ "INSTANT" LIQUID (10-15-10)	5.5 oz./\$3.00	12 oz./\$4.50
SUPERTHRIVE	1 oz./\$3.75	2 oz./\$4.75
4 oz./\$7.75		

### PETERS FERTILIZER

AFRICAN VIOLET SPECIAL (12-36-14)	8 oz.	\$3.00
VARIEGATED SPECIAL (5-50-17)	8 oz.	\$3.00
PEAT-LITE SPECIAL (15-16-17)	8 oz.	\$3.00
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Dyna Gro -7-9-5	11 oz.	\$6.25
16 oz.	\$8.50	
Dyna Gro 3-12-6 Blossom Booster	11 oz.	\$6.25
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### INSECTICIDES / FUNGICIDES

SCHULTZ-INSTANT INSECT SPRAY	24 oz.	\$7.75
SYSTEMIC HOUSEPLANT - Insecticide granules	5 oz.	\$5.00
MALATHION 50	8 oz.	\$4.50
ROOTONE F - Rooting compound	4 oz./\$2.00	2 oz./\$4.25
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4"	Wh/Gr	3.80	25.00	45.00	125.00
5"	Wh/Gr	4.75	31.00	50.00	150.00
6"	Wh	5.95	41.00	76.25	245.00

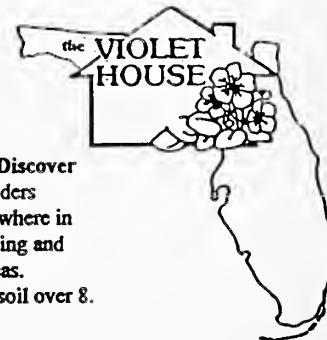


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**PITTMAN - DONELLE** - Double pink with fuchsia edge over symmetrical green variegated foliage. A pretty little plant named for a pretty little girl. M

**HANCOCK - BUCKEYE BLUSHING** - Ruffled semidouble/double lavender blossoms. Darker lavender to purple fantasy on some edges. Dark green, cream, pink fol. Std.

**WILLIAMS - SUNCOAST FANTASY LOVE** - Large semidouble fuchsia blossoms with dark purple fantasy. Large medium green slightly ruffled foliage. Standard

**ROBINSON - ROB'S COOL FRUIT** - Double white with rose edging over heavily crowned variegation. SM **Please note!** This one and his **ICE RIPPLES** are not in our catalog but are available from us. Leaves only on Robinson's new varieties until May.

**SORANO - MUSIC BOX DANCER** - Large semidouble /double stars of rose pink fading out to wide halos of white. Medium green, quilted foliage. Standard

Space does not allow us to give descriptions of all the lovely new varieties that we have available from Gregg-Hobbs, Ness, Stork, Brownlie. We also have favorites such as, the Wranglers, Apache, Rodeo and the best of Marie Burns.

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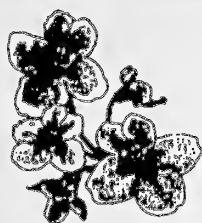
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**BRISTOL'S OINGO BOINGO.** Dbl. blue w/yellow throat; profuse

**BRISTOL'S PETTICOATS.** Stunningly beautiful! Large, red-wine w/broad, distinctive, lightly frilled edging; just lovely

**BRISTOL'S PIGGLY WIGGLY.** Adorable sdbl. very deep pink w/darker veining; compact grower

**BRISTOL'S POKEY DOT.** Bright, deep-deep carmine pink w/very clear, bright yellow throat; just cute!; small grower

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